

Note to Resellers: Please pass on this document to your customer to avoid license breach and copyright infringements.

Third-Party Software Information for

PXG3.Wx00-1 MR 2023 (SVS400)

This product, solution or service ("Product") contains third-party software components listed in this document. These components are Open Source Software licensed under a license approved by the Open Source Initiative (www.opensource.org) or similar licenses as determined by SIEMENS ("OSS") and/or commercial or freeware software components. With respect to the OSS components, the applicable OSS license conditions prevail over any other terms and conditions covering the Product. The OSS portions of this Product are provided royalty-free and can be used at no charge.

If SIEMENS has combined or linked certain components of the Product with/to OSS components licensed under the GNU LGPL version 2 or later as per the definition of the applicable license, and if use of the corresponding object file is not unrestricted ("LGPL Licensed Module", whereas the LGPL Licensed Module and the components that the LGPL Licensed Module is combined with or linked to is the "Combined Product"), the following additional rights apply, if the relevant LGPL license criteria are met: (i) you are entitled to modify the Combined Product for your own use, including but not limited to the right to modify the Combined Product to relink modified versions of the LGPL Licensed Module, and (ii) you may reverse-engineer the Combined Product, but only to debug your modifications. The modification right does not include the right to distribute such modifications and you shall maintain in confidence any information resulting from such reverse-engineering of a Combined Product.

Certain OSS licenses require SIEMENS to make source code available, for example, the GNU General Public License, the GNU Lesser General Public License and the Mozilla Public License. If such licenses are applicable and this Product is not shipped with the required source code, a copy of this source code can be obtained by anyone in receipt of this information during the period required by the applicable OSS licenses by contacting the following address:

Siemens AG

Otto-Hahn-Ring 6
81739 Muenchen

Germany

Keyword: Open Source Request

<Please specify Product name and version, if applicable>

SIEMENS may charge a handling fee of up to 5 EUR to fulfill the request.

Warranty regarding further use of the Open Source Software:

SIEMENS' warranty obligations are set forth in your agreement with SIEMENS. SIEMENS does not provide any warranty or technical support for this Product or any OSS components contained in it if they are modified or used in any manner not specified by SIEMENS. The license conditions listed below may contain disclaimers that apply between you and the respective licensor. For the avoidance of doubt, SIEMENS does not make any warranty commitment on behalf of or binding upon any third party licensor.

Table of Contents

1.	PXG3.Wx00-1 MR2023 (SVS400).....	5
1.1	7-Zip 16.02.....	5
1.2	amx3-cm3 1.9.2-r0.0.....	18
1.3	Apache Thrift 0.14.2.....	22
1.4	attr 2.4.48.....	34
1.5	base-files 3.0.14-r89.....	69
1.6	base-passwd 3.5.29.....	75
1.7	Boost C++ 1.72.0.....	80
1.8	bridge-utils 1.6.....	123
1.9	BusyBox 1.31.1.....	132
1.10	bzip2 1.0.8.....	173
1.11	ca-certificates 20211016.....	174
1.12	ca-certificates java-debian-20180516.....	185
1.13	ctemplate 2.4.....	190
1.14	dhcpcd 8.1.6.....	190
1.15	dropbear 2020.80.....	192
1.16	e2fsprogs 1.45.7.....	204
1.17	eeprog 0.7.6.....	234
1.18	Expat 2.2.9.....	234
1.19	FastCGI Development Kit 2.4.2.....	254
1.20	FlatBuffers 1.12.0.....	256
1.21	fmt - fmtlib/fmt 7.0.3.....	260
1.22	gcc-runtime 9.3.0.....	261
1.23	glibc 2.31.....	278
1.24	haystack-cpp 1.0.1.....	353
1.25	init-ifupdown 1.0.....	356
1.26	iptables 1.8.4.....	361
1.27	jitterentropy-rngd 1.1.0.....	372
1.28	JSONCPP 1.9.4.....	379
1.29	kmod 26.....	380
1.30	libcap 2.32.....	403
1.31	libgcc 9.3.0.....	405
1.32	libjpeg-turbo 2.0.4.....	433
1.33	libmnl 1.0.4.....	439
1.34	libpcap 1.9.1.....	445
1.35	libpng 1.6.37.....	456
1.36	libsodium 1.0.18.....	469
1.37	libubootenv 0.3.1.....	477
1.38	libwebsockets 4.3.2.....	492
1.39	libxcrypt 4.4.15.....	501
1.40	Linux Kernel 4.4.302.....	512
1.41	lz4 1.9.2.....	860
1.42	lzo 2.10.....	871
1.43	mmc-utils 0.1_73d6c59af8.....	876
1.44	modutils-initscripts 1.0.....	882
1.45	mtd-utils 2.1.3.....	883
1.46	Mustache (C++) 3.2.1.....	908
1.47	net-snmp 5.8.....	908
1.48	netbase 6.1.....	943
1.49	nginx 1.16.1.....	948
1.50	NTP 4.2.8p15.....	949
1.51	Objective Systems XBinder 2.2-2.2.....	977

1.52	oopslog 1.1.3.....	978
1.53	openjdk8-jre-base 8.272.10-r4.....	979
1.54	OpenSSL 1.1.1q.....	1067
1.55	opkg-utils 0.4.2.....	1080
1.56	packagegroup-core-boot 1.0.....	1090
1.57	paho-mqtt-c-1.3.9 1.3.9.....	1090
1.58	pciutils 3.6.4.....	1114
1.59	POCO C++ Libraries 1.10.1.....	1125
1.60	poky-dizzy-packagegroup-base 1.0.....	1128
1.61	pcre 8.44.....	1128
1.62	protobuf 3.11.4.....	1131
1.63	RocksDB 6.11.4.....	1133
1.64	run-postinsts 1.0.....	1143
1.65	sdbus-cpp 0.8.1.....	1143
1.66	shadow-securetty 4.6.....	1150
1.67	shadow 4.8.1.....	1177
1.68	SQLite 3.38.5.....	1199
1.69	tcpdump 4.9.3.....	1200
1.70	util-linux 2.35.1.....	1206
1.71	TinyXML 2.5.2.....	1240
1.72	tzdata 2022c.....	1241
1.73	zlib 1.2.11.....	1241
2.	abt-inside MR2023.....	1251
2.1	@angular/cdk 14.2.4.....	1251
2.2	@ngx-translate/core 14.0.0.....	1251
2.3	@ngx-translate/http-loader 7.0.0.....	1252
2.4	@popperjs/core 2.11.6.....	1252
2.5	Angular 14.2.5.....	1253
2.6	bignumber.js 9.1.0.....	1265
2.7	bootstrap-5.1.3.zip.....	1265
2.8	buffer 6.0.3.....	1271
2.9	classList.js 1.1.20150312.....	1271
2.10	core-js 3.25.5.....	1272
2.11	crypto-js 4.1.1.....	1273
2.12	ECharts 5.4.0.....	1274
2.13	eslint-plugin-prefer-arrow 1.2.3.....	1278
2.14	export-to-csv 0.2.1.....	1279
2.15	Lodash 4.17.21.....	1279
2.16	monaco-editor 0.32.1.....	1286
2.17	ngx-bootstrap 9.0.0.....	1301
2.18	ngx-clipboard 15.1.0.....	1302
2.19	ngx-cookie-service 14.0.1.....	1302
2.20	ngx-monaco-editor 12.0.0.....	1303
2.21	rxjs 7.5.7.....	1303
2.22	siemens-thrift-nodejs-patch 0.10.0.....	1306
2.23	tslib 2.4.0.....	1311
2.24	url-polyfill 1.1.12.....	1311
2.25	web-animations-js 2.3.2.....	1312
2.26	zone.js 0.11.4.....	1316
3.	DCP Learning Tool SVS400 MR2021-06.....	1318
3.1	@angular/forms 4.4.4.....	1318
3.2	@angular/platform-browser 4.2.4.....	1326
3.3	@angular/platform-browser-dynamic 4.2.4.....	1329
3.4	@angular/router 4.2.4.....	1333
3.5	@ngx-translate/core 8.0.0.....	1337

3.6	@ngx-translate/http-loader 2.0.1	1337
3.7	angular common 4.2.4	1338
3.8	angular compiler 4.2.4	1341
3.9	angular core 4.2.4	1345
3.10	angular http 4.2.4	1349
3.11	angular-animations 4.4.4	1352
3.12	bootstrap-sass-3.4.1.zip	1360
3.13	core-js 2.4.1	1364
3.14	lodash 4.17.5	1365
3.15	ngx-bootstrap 1.9.3	1366
3.16	ngx-clipboard 8.1.1	1370
3.17	rxjs 5.4.2	1371
3.18	zone.js 0.8.19	1374
4.	Finstack System One SVS400 4.5	1376
4.1	bee-line 0.1.3	1376
4.2	browser-locale 1.0.0	1376
4.3	clipboard 2.0.0	1377
4.4	eases 1.0.8	1377
4.5	es6-promise 4.2.4	1377
4.6	fin-webui 1.0.5	1378
4.7	hammerjs 2.0.8	1379
4.8	Lodash 4.17.10	1380
4.9	mobile-detect 1.3.5	1388
4.10	moment-timezone 0.5.17	1388
4.11	moment 2.22.2	1389
4.12	Numeral 1.5.3	1389
4.13	platform.js 1.3.5	1390
4.14	query-string 4.1.0	1390
4.15	ractive-events-hover 0.3.0	1391
4.16	ractive-multiselect 0.2.6	1391
4.17	ractive-tooltip 0.2.0	1392
4.18	ractive-touch 0.4.0	1392
4.19	ractive-transitions-fade 0.3.1	1393
4.20	ractive-transitions-fly 0.3.0	1396
4.21	ractive-transitions-slide 0.4.0	1396
4.22	ractive 0.8.14	1400
4.23	smoothscroll-polyfill 0.4.3	1400
4.24	tinycolor2 1.3.0	1401

1. PXG3.Wx00-1 MR2023 (SVS400)

1.1 7-Zip 16.02

1.1.1 Copyrights

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Copyright (C) 2004 Sergiy Niskorodov

Copyright (C) 2009-2015 Richard Geldreich, Jr. <richgel99@gmail.com>

Copyright (C) 1999-2016 Igor Pavlov.

1.1.2 Acknowledgements

In this context the LGPL-V2.1 license has been chosen.

1.1.3 Licenses

1.1.3.1 *LGPL V2.1 or later*

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below. When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it. For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights. We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

?

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license. Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must

be combined with the library in order to run.

?

GNU LESSER GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License").

Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

?

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in

themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

?

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy. This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.

Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

?

6. As an exception to the Sections above, you may also combine or

link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

?

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any

attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

?

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

?

14. If you wish to incorporate parts of the Library into other free

programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

?

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version. This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.1.3.2 Multiple License ? LGPL V2.1 (or later) AND Unrar License

unRAR - free utility for RAR archives

```

**  **  **  **  **  **  ~~~~~
*****  *****  *****  License for use and distribution of
**  **  **  **  **  **  ~~~~~

```

```
**      **      **      **      **      **      FREE portable version
~~~~~
The source code of unRAR utility is freeware. This means:
1. All copyrights to RAR and the utility unRAR are exclusively
   owned by the author - Alexander Roshal.
2. The unRAR sources may be used in any software to handle RAR
   archives without limitations free of charge, but cannot be used
   to re-create the RAR compression algorithm, which is proprietary.
   Distribution of modified unRAR sources in separate form or as a
   part of other software is permitted, provided that it is clearly
   stated in the documentation and source comments that the code may
   not be used to develop a RAR (WinRAR) compatible archiver.
3. The unRAR utility may be freely distributed. No person or company
   may charge a fee for the distribution of unRAR without written
   permission from the copyright holder.
4. THE RAR ARCHIVER AND THE UNRAR UTILITY ARE DISTRIBUTED "AS IS".
   NO WARRANTY OF ANY KIND IS EXPRESSED OR IMPLIED. YOU USE AT
   YOUR OWN RISK. THE AUTHOR WILL NOT BE LIABLE FOR DATA LOSS,
   DAMAGES, LOSS OF PROFITS OR ANY OTHER KIND OF LOSS WHILE USING
   OR MISUSING THIS SOFTWARE.
5. Installing and using the unRAR utility signifies acceptance of
   these terms and conditions of the license.
6. If you don't agree with terms of the license you must remove
   unRAR files from your storage devices and cease to use the
   utility.
Thank you for your interest in RAR and unRAR.
```

Alexander L. Roshal

1.1.3.3 *GPL V2 or later*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive

source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.1.3.4 MIT License

```
// Permission is hereby granted, free of charge, to any person obtaining a copy
// of this software and associated documentation files (the "Software"), to deal
// in the Software without restriction, including without limitation the rights
// to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
// copies of the Software, and to permit persons to whom the Software is
// furnished to do so, subject to the following conditions:
//
// The above copyright notice and this permission notice shall be included in
// all copies or substantial portions of the Software.
//
// THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
// IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
// FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
// AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
// LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
// OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
// THE SOFTWARE.
```

1.1.3.5 Permission Notice - Win32 API

This file is part of a free library for the Win32 API.
This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

1.1.3.6 Public Domain with Disclaimer

THIS SOFTWARE IS NOT COPYRIGHTED
This source code is offered for use in the public domain. You may
use, modify or distribute it freely.
This code is distributed in the hope that it will be useful but
WITHOUT ANY WARRANTY. ALL WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY
DISCLAIMED. This includes but is not limited to warranties of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

1.1.3.7 Public Domain

: Igor Pavlov : Public domain

This code is based on PPMd var.H (2001): Dmitry Shkarin : Public domain */

1.1.3.8 Public Domain

2015-06-30 : Igor Pavlov : Public domain
2015 : Samuel Neves : Public domain */

1.1.3.9 Public Domain

Igor Pavlov : Public domain */

1.1.3.10 *Public Domain*

Dmitry Subbotin : Public domain */

1.1.3.11 *Public Domain*

; 2009-12-12 : Igor Pavlov : Public domain
; 2011-10-12 : P7ZIP : Public domain

1.1.3.12 *Public Domain*

: Igor Pavlov : Public domain
This code is based on:
PPMd var.I (2002): Dmitry Shkarin : Public domain
Carryless rangecoder (1999): Dmitry Subbotin : Public domain */

1.1.3.13 *Public Domain*

Igor Pavlov : Public domain
This code is based on:
PPMd var.H (2001) / var.I (2002): Dmitry Shkarin : Public domain
Carryless rangecoder (1999): Dmitry Subbotin : Public domain */

1.1.3.14 *Public Domain*

Originally from the public domain stb.h header.

1.2 amx3-cm3 1.9.2-r0.0

1.2.1 Copyrights

Copyright (c) 1986, 1988, 1991, 1993 The Regents of the University of California. All rights reserved.

Copyright (C) 2011 Texas Instruments Incorporated - <http://www.ti.com/>

1.2.2 Licenses

1.2.2.1 *Texas Instruments Incorporated Technology and Software Publicly Available Software License Agreement*

Texas Instruments Incorporated
Technology and Software Publicly Available
Software License Agreement

IMPORTANT - PLEASE READ THE FOLLOWING LICENSE AGREEMENT CAREFULLY. THIS IS A LEGALLY BINDING AGREEMENT. DO NOT DOWNLOAD THE LICENSED MATERIALS UNLESS: (1) YOU ARE AUTHORIZED TO ACCEPT AND AGREE TO THE TERMS OF THIS LICENSE AGREEMENT AND (2) YOU INTEND TO ENTER INTO AND TO BE BOUND BY THE TERMS OF THIS AGREEMENT.

This Software License Agreement ("Agreement") is a legal agreement between you (either an individual or entity) and Texas Instruments Incorporated ("TI"), 12500 TI Boulevard, Dallas, Texas 75243. The "Licensed Materials" subject to this Agreement include, in whole or in part, the software programs that accompany this Agreement and any "on-line" or electronic documentation associated with these programs. By installing, copying or otherwise using the Licensed Materials you agree to abide by the terms of this Agreement. If you choose not to accept or agree with these terms, do not download or install the Licensed Materials.

NOTE: The Licensed Materials may be bundled with open source software. By accepting this Agreement, you may gain access to software identified as being licensed under open source licenses, which software and corresponding open source licenses will be listed in the applicable software manifest (in whole or

in part, the "Open Source Materials"). Your use of the Open Source Materials is subject to the separate licensing terms applicable to such Open Source Materials as specified in the applicable software manifest. For clarification, this Agreement does not limit your rights under, or grant you rights that supersede, the license terms of any applicable Open Source Materials license agreement. If any of the Open Source Materials have been provided to you in object code, the source code versions of such Open Source Materials may be provided to you by notifying TI at Texas Instruments Incorporated, 12500 TI Boulevard, Mail Station 8638, Dallas, Texas 75243, Attention: Contracts Manager. You may terminate this Agreement in the event you choose not to accept or agree with the terms in any applicable Open Source Materials license agreement, provided that such termination occurs within five (5) days of acceptance of this Agreement and you abide by all applicable license terms in this Agreement until such termination.

1. License.

a. Source Code License. For the Licensed Materials provided in source code format, TI hereby grants to you a limited, non-exclusive license to reproduce, use, and create modified or derivative works of the Licensed Materials provided to you in source code format and to distribute an unlimited number of copies of such source code Licensed Materials, or any derivatives thereof, in any format.

b. Object Code License. For the Licensed Materials provided in object code format, TI hereby grants to you a limited, non-exclusive license to reproduce and use the Licensed Materials provided to you in object code format and to distribute an unlimited number of object or executable copies of such object code Licensed Materials.

2. Termination. This license is effective until terminated. Without prejudice to any other rights, TI may terminate your right to use the Licensed Materials under this Agreement if you fail to comply with the terms of this Agreement. In such event, you shall destroy all copies of the Licensed Materials, including all portions and derivatives thereof.

3. Intellectual Property Rights.

a. The Licensed Materials being provided to you hereunder are being made publicly available by TI, even though they contain copyrighted material of TI and its licensors, if applicable. In no event may you alter, remove or destroy any copyright notice included in the Licensed Materials. To the extent that any of the Licensed Materials are provided in binary or object code only, you may not unlock, decompile, reverse engineer, disassemble or otherwise translate such binary or object code to human-perceivable form. The source code of such reverse engineered code may contain TI trade secret and other proprietary information. TI reserves all rights not specifically granted under this Agreement.

b. Certain Licensed Materials may (i) require patent licenses from third parties claiming patent rights covering implementation of the Licensed Materials or (ii) be based on industry recognized standards or software programs published by industry recognized standards bodies and certain third parties may claim to own patents or copyrights that cover implementation of those standards. You acknowledge and agree that this Agreement does not convey a license to any such third party patents and copyrights.

c. YOU ACKNOWLEDGE AND AGREE THAT TI SHALL NOT BE LIABLE FOR AND SHALL NOT DEFEND OR INDEMNIFY YOU AGAINST ANY THIRD PARTY INFRINGEMENT CLAIM THAT RELATES TO OR IS BASED ON YOUR MANUFACTURE, USE, OR DISTRIBUTION OF THE LICENSED MATERIALS OR YOUR MANUFACTURE, USE, OFFER FOR SALE, SALE, IMPORTATION OR DISTRIBUTION OF YOUR PRODUCTS THAT INCLUDE OR INCORPORATE THE LICENSED MATERIALS.

d. You acknowledge and agree that you are responsible for any fees or

royalties that may be payable to any third party based on such third party's interests in the Licensed Materials described in Section 3(b) above (the "Third Party Payment Obligations"). You agree to indemnify TI against any Third Party Payment Obligations and will defend any claim, suit or proceeding brought against TI insofar as such claim, suit or proceeding is based on your failure to pay any Third Party Payment Obligations.

4. Warranties and Limitations. THE LICENSED MATERIALS ARE PROVIDED "AS IS". TI AND ITS LICENSORS MAKE NO WARRANTY OR REPRESENTATION, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, LACK OF VIRUSES, ACCURACY OR COMPLETENESS OF RESPONSES, RESULTS AND LACK OF NEGLIGENCE. TI DISCLAIMS ANY WARRANTY OF TITLE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO THE LICENSED MATERIALS OR USE OF THOSE MATERIALS.

YOU ACKNOWLEDGE AND AGREE THAT THE LICENSED MATERIALS MAY NOT BE INTENDED FOR PRODUCTION APPLICATIONS AND MAY CONTAIN IRREGULARITIES AND DEFECTS NOT FOUND IN PRODUCTION SOFTWARE. FURTHERMORE, YOU ACKNOWLEDGE AND AGREE THAT THE LICENSED MATERIALS HAVE NOT BEEN TESTED OR CERTIFIED BY ANY GOVERNMENT AGENCY OR INDUSTRY REGULATORY ORGANIZATION OR ANY OTHER THIRD PARTY ORGANIZATION. YOU AGREE THAT PRIOR TO USING, INCORPORATING OR DISTRIBUTING THE LICENSED MATERIALS IN OR WITH ANY COMMERCIAL PRODUCT THAT YOU WILL THOROUGHLY TEST THE PRODUCT AND THE FUNCTIONALITY OF THE LICENSED MATERIALS IN OR WITH THAT PRODUCT AND BE SOLELY RESPONSIBLE FOR ANY PROBLEMS OR FAILURES.

IN NO EVENT SHALL TI OR ITS LICENSORS BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, HOWEVER CAUSED ON ANY THEORY OF LIABILITY, ARISING IN ANY WAY OUT OF THIS AGREEMENT, OR YOUR USE OF THE LICENSED MATERIALS, WHETHER OR NOT TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. EXCLUDED DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, COST OF REMOVAL OR REINSTALLATION, OUTSIDE COMPUTER TIME, LABOR COSTS, LOSS OR CORRUPTION OF DATA, LOSS OF GOODWILL, LOSS OF PROFITS, LOSS OF SAVINGS, OR LOSS OF USE OR INTERRUPTION OF BUSINESS OR ANY OTHER ECONOMIC LOSS. IN NO EVENT WILL TI'S AGGREGATE LIABILITY UNDER THIS AGREEMENT OR ARISING OUT OF YOUR USE OF THE LICENSED MATERIALS EXCEED FIVE HUNDRED U.S. DOLLARS (US\$500).

Because some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty lasts, the above limitations or exclusions may not apply to you.

5. Export Control. The software programs and any "on-line" documentation as well as any updates or upgrades to such software programs or documentation may be subject to the export or import regulations of certain countries. You agree to comply with all such regulations and acknowledge that you have the responsibility to obtain any licenses or other authorizations that may be required to export, re-export or import the Licensed Materials.

6. Governing Law, Jurisdiction and Severability. This Agreement will be governed by and interpreted in accordance with the laws of the State of Texas, without reference to that state's conflict of laws principles. This Agreement shall not be governed by the United Nations Convention on Contracts for the International Sale of Goods, nor shall it be governed by the Uniform Computer Information Transactions Act (UCITA). Any dispute arising out of or related to this Agreement will be brought in, and each party consents to the exclusive jurisdiction and venue in the state and federal courts sitting in Dallas Country, Texas. Each party waives all defenses of lack of personal jurisdiction and forum non-conveniens and agrees that process may be served on either party in a manner authorized by applicable law or court rule. If for any reason a court of competent jurisdiction finds any provision of the Agreement to be unenforceable, that provision will be enforced to the maximum extent possible to effectuate the intent of the parties and the remainder of the Agreement shall continue in full force and effect.

7. PRC Provisions. If you are located in the People's Republic of China ("PRC") or if the Licensed Materials will be sent to the PRC, the following

provisions shall apply and shall supersede any other provisions in this Agreement concerning the same subject matter as the following provisions:

a. **Registration Requirements.** You shall be solely responsible for performing all acts and obtaining all approvals that may be required in connection with this Agreement by the government of the PRC, including but not limited to registering pursuant to, and otherwise complying with, the PRC Measures on the Administration of Software Products, Management Regulations on Technology Import-Export, and Technology Import and Export Contract Registration Management Rules. Upon receipt of such approvals from the government authorities, you shall forward evidence of all such approvals to TI for its records. In the event that you fail to obtain any such approval or registration, you shall be solely responsible for any and all losses, damages or costs resulting therefrom, and shall indemnify TI for all such losses, damages or costs.

b. **Governing Language.** This Agreement is written and executed in the English language. If a translation of this Agreement is required for any purpose, including but not limited to registration of the Agreement pursuant to any governmental laws, regulations or rules, you shall be solely responsible for creating such translation. Any translation of this Agreement into a language other than English is intended solely in order to comply with such laws or for reference purposes, and the English language version shall be authoritative and controlling.

8. **Entire Agreement.** This is the entire Agreement between you and TI and supersedes any prior agreement between the parties related to the subject matter of this Agreement. No amendment or modification of this Agreement will be effective unless in writing and signed by a duly authorized representative of TI. You hereby warrant and represent that you have obtained all authorizations and other applicable consents required empowering you to enter into this Agreement.

Version: 221850v2

1.2.2.2 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.3 Apache Thrift 0.14.2

1.3.1 Copyrights

© The Apache Software Foundation
Copyright 2015 the original author or authors
Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>
Copyright (c) 2012 The Apache Software Foundation
Copyright (c) 2008- Patrick Collison <patrick@collison.ie>
Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
Copyright (c) 2006-2008 Alexander Chemeris
Copyright (c) 2006- Facebook
Copyright (c) <2006> <Martin J. Logan, Erlware>
Copyright (C) 2009 David Reiss dnl Copying and distribution of this file, with or without modification,
Copyright (C) 2006 - 2019, The Apache Software Foundation
Copyright (C) 1999-2018 Free Software Foundation, Inc.
Copyright (C) 1999, 2000, 2002 Aladdin Enterprises. All rights reserved.
Copyright (C) 1999 - 2007 Markus Mottl
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.

1.3.2 Licenses

1.3.2.1 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any

patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.3.2.2 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.3.2.3 GPL-3.0+-with-bison-exception

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been

modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To

"grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<https://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
```

This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain
conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, your program's commands might be different; for
a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to
sign a "copyright disclaimer" for the program, if necessary. For more information on
this, and how to apply and follow the GNU GPL, see <<https://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License. But first, please read <<https://www.gnu.org/licenses/why-not-lgpl.html>>.

Bison Exception

As a special exception, you may create a larger work that contains part or all of the
Bison parser skeleton and distribute that work under terms of your choice, so long as
that work isn't itself a parser generator using the skeleton or a modified version
thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser
skeleton itself, you may (at your option) remove this special exception, which will
cause the skeleton and the resulting Bison output files to be licensed under the GNU
General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of
Bison.

1.4 attr 2.4.48

1.4.1 Copyrights

Scott James Remnant, 2004.

Copyright © 2002,2003,2006-2007,2009 Andreas Gruenbacher

Copyright © 2000-2007 Silicon Graphics, Inc.

Copyright © 2001-2003,2006-2007,2009 Andreas Gruenbacher

Copyright 1996-2013 Free Software Foundation, Inc.

Copyright (c) 2007, 2008 Andreas Gruenbacher. All rights reserved.

Copyright (c) 2001-2003,2005 Silicon Graphics, Inc. All Rights Reserved.

Copyright (c) 2000-2002 ,2004 Silicon Graphics, Inc. All Rights Reserved.

Copyright (c) 2001-2002 Silicon Graphics, Inc. All Rights Reserved.

Copyright (C) 2015 Dmitry V. Levin <ldv@altlinux.org>

Copyright (C) 1994-2017 Free Software Foundation, Inc.

Copyright (C) 2002-2009 Andreas Gruenbacher <agruen@suse.de>

Copyright (C) 2008 Petr Písař <petr.pisar@atlas.cz>

Copyright (C) 2007 Free Software Foundation

Copyright (C) 2007 Antonio Trueba <atrueba@users.sourceforge.net>

Copyright (C) 2007 Andreas Gruenbacher <a.gruenbacher@computer.org>

Copyright (C) 2006 Daniel Nylander <po@danielnylander.se>

Copyright (C) 2005 Guilhem Panaget <guilhem.panaget@free.fr>

Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc.

Copyright (C) 2004, 2005 Jakub Bogusz <qboosh@pld-linux.org>

Copyright (C) 2004 Luk Claes <luk.claes@ugent.be>

Copyright (C) 2003-2018 Silicon Graphics, Inc.

Copyright (C) 2002, 2004, 2007 Silicon Graphics, Inc. All rights reserved.

Copyright (C) 2002, 2004, 2007 Andreas Gruenbacher <agruen@suse.de>

Copyright (C) 2002, 2004 Silicon Graphics, Inc. All rights reserved.

Copyright (C) 2002, 2003 Andreas Grünbacher <a.gruenbacher@computer.org>
 Copyright (C) 2001-2005, 2008-2013 Free Software Foundation, Inc.
 Copyright (C) 2001-2002 Silicon Graphics, Inc. All Rights Reserved.
 Copyright (C) 2001-2003 Andreas Gruenbacher <a.gruenbacher@bestbits.at>
 Copyright (C) 2001, 2002, 2003-2007 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 2001, 2002, 2006 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 2001, 2002, 2003, 2006, 2008 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 2000-2002, 2007-2013 Free Software Foundation, Inc.
 Copyright (C) 1996-2003, 2009-2013 Free Software Foundation, Inc.
 Copyright (C) 1996-2003, 2005, 2008-2013 Free Software Foundation, Inc.
 Copyright (C) 1995-2003, 2005-2006, 2008-2013 Free Software Foundation, Inc.
 Copyright (C) 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper <drepper@gnu.ai.mit.edu>
 Copyright (C) 1994 X Consortium
 Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
 Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
 Copyright (C) 1989, 1991 Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

1.4.2 Acknowledgements

This file may be licensed under GNU General Public License version 2 or GNU General Public License version 2+ License in this context GNU General Public License version 2 License has been chosen. This shall not restrict the freedom of future contributors to choose GNU General Public License version 2 or GNU General Public License version 2+.

This file may be licensed under GNU Lesser General Public License version 2.1 or GNU Lesser General Public License version 2.1+ License in this context GNU Lesser General Public License version 2.1 License has been chosen. This shall not restrict the freedom of future contributors to choose GNU Lesser General Public License version 2.1 or GNU Lesser General Public License version 2.1+.

Some files may be licensed under GNU General Public License version 2 or BSD 2 Clause License, in this context BSD 2 Clause License has been chosen. This shall not restrict the freedom of future contributors to choose GNU General Public License version 2 or later or BSD 2 Clause License.

This file may be licensed under GNU General Public License version 2 or GNU General Public License version 2+ License in this context GNU General Public License version 2 License has been chosen. This shall not restrict the freedom of future contributors to choose GNU General Public License version 2 or GNU General Public License version 2+.

Some files may be licensed under GNU General Public License version 2 or BSD 2 Clause License, in this context BSD 2 Clause License has been chosen. This shall not restrict the freedom of future contributors to choose GNU General Public License version 2 or later or BSD 2 Clause License.

1.4.3 Licenses

1.4.3.1 **GPL-2.0**

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted,

and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or

among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.4.3.2 X11-style

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to
deal in the Software without restriction, including without limitation the
rights to use, copy, modify, merge, publish, distribute, sublicense, and/or
sell copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNEC-
TION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not
be used in advertising or otherwise to promote the sale, use or other deal-
ings in this Software without prior written authorization from the X Consor-
tium.

1.4.3.3 Public-domain

The empty string stands for the public domain; in this case the translators are
expected to disclaim their copyright.

1.4.3.4 *Public-domain*

FSF changes to this file are in the public domain.

1.4.3.5 *MIT-style*

This file is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

1.4.3.6 *MIT-style*

This file is free software; the Free Software Foundation
dnl gives unlimited permission to copy and/or distribute it,
dnl with or without modifications, as long as this notice is preserved.

1.4.3.7 *MIT-style*

This file is free software; the Free Software Foundation
dnl gives unlimited permission to copy and/or distribute it,
dnl with or without modifications, as long as this notice is preserved.

1.4.3.8 *MIT-style*

This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.4.3.9 *MIT-style*

```
Copyright 1996-2013 Free Software Foundation, Inc.  
#   Taken from GNU libtool, 2001  
#   Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996  
#  
#   This file is free software; the Free Software Foundation gives  
#   unlimited permission to copy and/or distribute it, with or without  
#   modifications, as long as this notice is preserved.
```

1.4.3.10 *MIT-style*

```
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software  
#   Foundation, Inc.  
#   Written by Scott James Remnant, 2004.  
#  
#   This file is free software; the Free Software Foundation gives  
#   unlimited permission to copy and/or distribute it, with or without  
#   modifications, as long as this notice is preserved.
```

1.4.3.11 *MIT-style*

This file is free software; the Free Software Foundation
gives unlimited permission to copy and/or distribute it,
with or without modifications, as long as this notice is preserved.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY, to the extent permitted by law; without
even the implied warranty of MERCHANTABILITY or FITNESS FOR A
PARTICULAR PURPOSE.

1.4.3.12 *MIT-style*

This file is free software; the Free Software Foundation
gives unlimited permission to copy and/or distribute it,
with or without modifications, as long as this notice is preserved.

This file can be used in projects which are not available under
the GNU General Public License or the GNU Library General Public
License but which still want to provide support for the GNU gettext
functionality.

Please note that the actual code of the GNU gettext library is covered by the GNU Library General Public License, and the rest of the GNU gettext package package is covered by the GNU General Public License. They are **not** in the public domain.

1.4.3.13 *MIT-style*

```
Copyright (C) 2004-2005, 2007-2008, 2011-2015 Free Software
# Foundation, Inc.
# Written by Gary V. Vaughan, 2004
#
# This file is free software; the Free Software Foundation gives
# unlimited permission to copy and/or distribute it, with or without
# modifications, as long as this notice is preserved.
```

1.4.3.14 *MIT-style*

```
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc.
# Written by Scott James Remnant, 2004
#
# This file is free software; the Free Software Foundation gives
# unlimited permission to copy and/or distribute it, with or without
# modifications, as long as this notice is preserved.
```

1.4.3.15 *MIT style*

This Makefile.in is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, to the extent permitted by law; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

1.4.3.16 *LGPL-2.1*

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge

for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the

user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a

license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.4.3.17 *GPL-3.0+-with-Autoconf-Exception*

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but

which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
 - b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
 - c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
 - d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.
- A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
 - b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
 - c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
 - d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
 - e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.
- A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you,

a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<http://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<http://www.gnu.org/philosophy/why-not-lgpl.html>>.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that

program. This Exception is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3").

1.4.3.18 *GPL-2.0+-with-autoconf-exception*

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or

collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further

restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may

be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program.

1.4.3.19 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification, immediately at the beginning of the file.
2. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Alternatively, this software may be distributed under the terms of the GNU Public License ("GPL"):

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

1.4.3.20 *--GPL-2.0+-with-libtool-exception*

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work

based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source

code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

As a special exception to the GNU General Public License, if you distribute this file as part of a program or library that is built using GNU Libtool, you may include this file under the same distribution terms that you use for the rest of that program.

GNU Libtool is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with GNU Libtool; see the file COPYING. If not, a copy can be downloaded from <http://www.gnu.org/licenses/gpl.html>, or obtained by writing to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

1.5 base-files 3.0.14-r89

1.5.1 Copyrights

copyright James Hacker.

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.5.2 Licenses

1.5.2.1 GPL-2.0

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another

language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or

otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS

TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

1.6 base-passwd 3.5.29

1.6.1 Copyrights

copyright 2002-2003 Colin Watson.
copyright 2001 2002 2003 2004 2005 2007 Joey Hess hol David Mandelberg
copyright 1999 2002 Wichert Akkerman et le copyright 2002, 2003 Colin Watson.
copyright 1999 2002 Wichert Akkerman and
Copyright: Copyright 1999-2002 Wichert Akkerman <wichert@deephackmode.org>
Copyright 2007 David Mandelberg
Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson
Copyright 2002, 2003, 2004 Colin Watson <cjwatson@debian.org>
Copyright 2001, 2002 Joey Hess
Copyright 1999-2002 Wichert Akkerman <wichert@deephackmode.org>
Copyright 1999 2002 Wichert Akkerman und 2002, 2003 Colin Watson.
Copyright 1999 2002 Wichert Akkerman
Copyright 1991 by the Massachusetts Institute of Technology
Copyright (C) Helge Kreutzmann <debian@helgefjell.de>, 2011.
Copyright (C) 2010 Software in the Public Interest
Copyright (C) 2010 Free Software Foundation, Inc. KURASAWA Nozomu
<nabetaro@debian.or.jp>, 2010.
Copyright (C) 2004 Nicolas FRANCOIS
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1989-2012 Free Software Foundation, Inc.
Copyright (C) Free Software Foundation, Inc.

1.6.2 Licenses

1.6.2.1 **GPL-2.0**

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the

same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not

specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details

type ``show w'`. This is free software, and you are welcome to redistribute it under certain conditions; type ``show c'` for details.

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program ``Gnomovision'` (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.6.2.2 NTP

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.6.2.3 MIT-style

This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.7 Boost C++ 1.72.0

1.7.1 Copyrights

Â© Copyright Tobias Schwinger, 2009

Â© Copyright Steven Ross 2009-2014

Â© Copyright Stefan Seefeld, 2015

Â© Copyright Ralf W. Grosse-Kunstleve 2001

Â© Copyright Paul Moore 1999.

Â© Copyright Paul Moore 1999-2001; Â© Daryle Walker 2005, 2013.

Â© Copyright Paul Menssonides 2002

Â© Copyright Marshall Clow, 2012

Â© Copyright Lorenzo Caminiti, 2009-2012

Â© Copyright Lorenzo Caminiti, 2008-2016

Â© Copyright John Maddock 2004

Â© Copyright Joachim Faulhaber, 2010

Â© Copyright Housemarque Oy 2002

Â© Copyright Hervé Brönnimann, Polytechnic University, 2002--2004.

Â© Copyright Hartmut Kaiser 2005

Â© Copyright Fernando Luis Cacciola Carballal, 2004

Â© Copyright Fernando Cacciola, 2002 - 2010.
Â© Copyright Eric Niebler 2005
Â© Copyright Douglas Gregor 2003
Â© Copyright CrystalClear Software, 2003
Â© Copyright Christophe Henry, 2010
Â© Copyright Beman Dawes, 2014
Â© Copyright Beman Dawes, 2003, 2011
Â© Copyright Beman Dawes, 2003
Â© Copyright Beman Dawes, 2001
Â© Copyright Beman Dawes 2000-2004
Â© Copyright Beman Dawes 1999-2003.
Â© Copyright Andrey Semashev, 2013
Â© Copyright Alexander Nasonov, Lorenzo Caminiti, 2006-2012
Â© Copyright Aleksey Gurtovoy 2004
Â© Copyright 2009-2010 Vicente J. Botet Escrib  
Â© 2016 Klemens D. Morgenstern
Â© 2014-2016 Andrey Semashev
Â© 2014-2019 Antony Polukhin
Â© 2014 Glen Fernandes
Â© 2007 Microsoft Corporation. All rights reserved.
Â© 2003-2014 Peter Dimov
Â© 2001, 2002 Peter Dimov and Multi Media Ltd.
Â© 1997-2000 Metrowerks Corp.
copyright notice: Author: Frank Warmerdam, warmerdam@pobox.com
copyright Xiaogang Zhang.
copyright Paul A. Bristow 2018
copyright Paul A. Bristow 2006 - 2010
copyright Louis Dionne 2016
copyright Louis Dionne 2015
copyright Louis Dionne 2013-2017
copyright Louis Dionne 2013-2016
copyright John Maddock 2012
copyright John Maddock 2008
copyright John Maddock 2003, Artyom Beilis 2010
copyright John Maddock 2003
copyright Jason Rice 2017
copyright Jason Rice 2016
copyright Gonzalo Brito Gadeschi 2015
copyright 2018, 2019 Peter Dimov
copyright 2018-2018 Joe Blow, John Coe
copyright 2016-2019 Joaqu  n M L  pez Mu  oz
copyright 2011-2019 Antony Polukhin
copyright 2015 Joel Falcou
copyright 2015 Charly Chevalier
copyright 2014-2017 Glen Joseph Fernandes] authors [Fernandes, Glen
copyright 2014 Renato Tegon Forti, Antony Polukhin, 2015 Antony Polukhin, 2016 Antony
Polukhin, Klemens Morgenstern, 2017-2019 Antony Polukhin
copyright 2014 Christopher Kormanyos, John Maddock, Paul A. Bristow
copyright 2011-2013 Steven Watanabe
copyright 2011, Stefan SeefeldU
copyright 2010-2017 Daniel James
copyright 2010-2013 Sebastian Redl
copyright 2008-2011 Tim Blechmann
copyright 2010-2001 Timequake man
copyright 2009-2018 Ion Gaztanaga

copyright 2009-2013 Vicente J. Botet Escriba
copyright 2008-2010 Marcin Kalicinski
copyright 2008 Howard Hinnant
copyright 2007 Eric Niebler
copyright 2007 2008 2009 Frank Mori Hess
copyright 2006-2012 Matias Capeletto
copyright 2006-2010 Alexander Nasonov
copyright 2006, 2008 Beman Dawes]
copyright 2006, 2007, 2008, 2009, 2010, 2011, 2012 Julio M. Merino Vidal, Ilya Sokolov, Felipe Tanus, Jeff Flinn, Boris Schaeling, 2016 Klemens D. Morgenstern
copyright 2005-2019 Rene Rivera
copyright 2005 2006 2007 2008 Daniel James
copyright 2004-2007 Fernando Luis Cacciola Carballal
copyright 2004 Brian Ravnsgaard Riis
copyright 2004 2005 Arkadiy Vertleyb, Peder Holt
copyright 2003 2006 Beman Dawes, Rene Rivera
copyright 2003 2004 Jeremy B. Maitin-Shepard
copyright 2002 2004 2006 Joel de Guzman, Eric Niebler
copyright 2002 2003 Eric Friedman Itay Maman
copyright 2002 - 2015 David Abrahams, Stefan
copyright 2001 by Yann Dirson.
copyright 2001 Beman Dawes, 2014-2019 Antony Polukhin
copyright 2001 2003 2012 Daryle Walker
copyright 2001 2002 2003 2004 2005 CrystalClear Software, Inc.
copyright 2001 2002 2003 2004 2005 2006 2011 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
copyright 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 Joel de Guzman, Hartmut Kaiser
copyright 2000-2005 Kevlin Henney
copyright 2000-2005 Jens Maurer, 2009-2010 Steven Watanabe
copyright 2000 2005 Steve Cleary and John Maddock
copyright 2000 2002 2003 Joe Blow, Jane Doe authors Blow, Joe Doe, Jane
copyright 1997 to 1999 by Joey Hess.
copyright 1977-1985 Someone else
copyright 1977 1985 Someone else
copyright 1963-1965 Jane Doe, 2018 Joe Blow, John Coe
copyright 1963, 1964, 1965 Jane Doe
copyright 1963 1964 1965 Jane Doe
copyright 1325 John Doe john.doe@example.com
copyright 1325 John Doe
copyright (c) 2013-2019 Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
copyright (c) 2013-2019 Oracle and/or its affiliates.
copyright (c) 2016-2019 , Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
copyright (c) 2013-2019 , Oracle and/or its affiliates.
copyright (c) 2016 Oracle and/or its affiliates. Contributed and/or modified by Vissarion Fysikopoulos, on behalf of Oracle
copyright (c) 2014-2019 Oracle and/or its affiliates. Contributed and/or modified by Menelaos Karavelas, on behalf of Oracle Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
copyright (c) 2005 troy d. straszheim <troy@resophonic.com> <http://www.resophonic.com>
copyright (c) 1995-2010 Geodan, Amsterdam, the Netherlands.
copyright 2002 2003 2004 Douglas Gregor

Copyright: 2008 CodeRage, LLC 2004-2007 Jonathan Turkanis Author: Jonathan Turkanis

Contact: turkanis at coderage dot com

Copyright: 2007-2008 CodeRage, LLC Author: Jonathan Turkanis Contact: turkanis at coderage dot com

Copyright(c) 2016 Francisco JosÃ© Tapia (fjtapia@gmail.com)

Copyright(c) 2016 Francisco Jose Tapia (fjtapia@gmail.com)

Copyright Â© John Maddock & Paul A. Bristow 2007 - 2012

Copyright Â© Intel Corporation 2008-2010.

Copyright Â© Daniel Frey, 2002-2009.

Copyright Â© Beman Dawes, David Abrahams, 1999-2001.

Copyright Â© 2015 UBM Canon All Rights Reserved

Copyright Â© 2013 Eurodecision Author: Guillaume Pinot

Copyright Â© 2012 Trustees of Indiana University

Copyright Â© 2009-2019 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle and/or its affiliates

Copyright Â© 2008 Beman Dawes, Rene Rivera

Copyright Â© 2003-2008 Jan Gaspar, 2013 Paul A. Bristow

Copyright Â© 2001-2008 Hartmut Kaiser

Copyright Â© 2003-2007 Thorsten Ottosen.

Copyright Â© 2003 Vladimir Prus

Copyright Â© 2003 Samuel Kremp

Copyright Â© 2003 Ross Smith

Copyright Â© 2003 Martin Wille

Copyright Â© 2003 Andreas Huber Dönni

Copyright Â© 2002 Juan Carlos Arevalo-Baeza

Copyright Â© 2002 Jeff Westfahl

Copyright Â© 2002 Chris Uzdavinis

Copyright Â© 1998-2011 Joel de Guzman, Hartmut Kaiser

Copyright Â© 1998-2003 Joel de Guzman

Copyright Â© 2001-2002 Daniel C. Nuffer

Copyright Â© 2000-2002 http://www.boost.org/people/jeremy_siek.htm Jeremy Siek , Univ.of Notre Dame (<mailto:jsiek@osl.iu.edu>) http://www.boost.org/people/liequan_lee.htm Lie-Quan Lee , Univ.of Notre Dame

Copyright Â© 2000-2002 http://www.boost.org/people/jeremy_siek.htm Jeremy Siek , Indiana University (<mailto:jsiek@osl.iu.edu>)

Copyright Zach Laine 2016

Copyright Zach Laine 2014

Copyright Vladimir Prus, 2002

Copyright Vladimir Prus 2002-2010 .

Copyright Vladimir Prus 2002

Copyright Vladimir Prus

Copyright Vladimir Batov 2009-2016

Copyright Vicente J. Botet Escriba 2009-2012 .

Copyright Vicente J. Botet Escriba 2010

Copyright Vicente J. Botet Escriba 2009-2011

Copyright Vicente J. Botet Escriba 2009-2010

Copyright Vicente J. Botet Escriba 2009

Copyright Toon Knapen, David Abrahams, Roland Richter, and Jeremy Siek 2003.

Copyright Tobias Schwinger 2005-2007

Copyright Timmo Stange 2007.

Copyright Thorsten Ottosen, Neil Groves 2006-2008 .

Copyright Thorsten Ottosen, 2009.

Copyright Thorsten Ottosen 2003-2008 .

Copyright Thorsten Ottosen & Larry Evans 2003-2005.

Copyright Thomas Sailer 2013.

Copyright Thomas Mang 2012.
Copyright Thomas Kent 2016
Copyright Thijs van den Berg, 2008.
Copyright Thijs van den Berg 2014
Copyright T. Zachary Laine 2016-2018
Copyright Steven Watanabe 2014
Copyright Steven Watanabe 2011
Copyright Steven Watanabe 2009-2010 -2011
Copyright Steven Watanabe 2010
Copyright Steven Watanabe 2009
Copyright Steven Ross 2009.
Copyright Steven J. Ross 2014
Copyright Steven J. Ross 2001-2008 - 2014
Copyright Steven J. Ross 2001-2014 .
Copyright Stefan Seefeld 2005-2016 .
Copyright Shunsuke Sogame 2005-2006.
Copyright Shreyans Doshi 2017.
Copyright Sergue E. Leontiev 2013.
Copyright Sergey Krivonos 2017
Copyright Sebastian Redl 2009
Copyright Sebastian Ramacher, 2007.
Copyright Sascha Ochsenknecht 2009.
Copyright Samuel Krempf 2003.
Copyright Ruslan Baratov 2017
Copyright Robin Eckert 2015.
Copyright Robert Ramey 2007.
Copyright Rene Rivera 2018
Copyright Rene Rivera 2017
Copyright Rene Rivera 2016
Copyright Rene Rivera 2004-2019 .
Copyright Rene Rivera 2008-2015 -2019
Copyright Rene Rivera 2005-2015 -2016
Copyright Rene Rivera 2015
Copyright Rene Rivera 2008-2014 -2015
Copyright Rene Rivera 2014
Copyright Rene Rivera 2013-2018
Copyright Rene Rivera 2013-2014
Copyright Rene Rivera 2013
Copyright Rene Rivera 2008-2011 -2017
Copyright Rene Rivera 2008-2011 -2013
Copyright Rene Rivera 2011-2012
Copyright Rene Rivera 2008
Copyright Renato Tegon Forti, Antony Polukhin 2011 - 2019.
Copyright Ralf W. Grosse-Kunstleve 2006.
Copyright Ralf W. Grosse-Kunstleve & David Abrahams 2006.
Copyright Peter Dimov, Hans Dembinski 2018-2019
Copyright Peter Dimov and Multi Media Ltd 2001, 2002
Copyright Peter Dimov and David Abrahams 2002.
Copyright Peter Dimov 2019.
Copyright Peter Dimov 2018
Copyright Peter Dimov 2017, 2018
Copyright Peter Dimov 2000-2001 -2003
Copyright Peter Dimov 2000-2001 -2002
Copyright Peter Dimov 2001
Copyright Peder Holt 2005.

Copyright Pavol Droba 2002-2006 .
Copyright Paul Mensonides 2003
Copyright Paul Fultz II 2018
Copyright Paul Bristow 2014.
Copyright Paul A. Bristow 2009
Copyright Paul A. Bristow 2018
Copyright Paul A. Bristow 2017, 2018
Copyright Paul A. Bristow 2016, 2017, 2018.
Copyright Paul A. Bristow 2013
Copyright Paul A. Bristow 2010
Copyright Paul A. Bristow 2007, 2013-14.
Copyright Paul A. Bristow 2007, 2010, 2012, 2014.
Copyright Paul A. Bristow 2007, 2009
Copyright Paul A. Bristow 2007
Copyright Paul A. Bristow 2006-2007 -2017 .
Copyright Paul A. Bristow 2006, 2007, 2012
Copyright Paul A. Bristow 2006, 2007, 2009, 2010.
Copyright Orson Peters 2017.
Copyright Oliver Kowalke, Nat Goodspeed 2015.
Copyright Oliver Kowalke 2009-2018 .
Copyright Oliver Kowalke / Nat Goodspeed 2015.
Copyright Nikolay Mladenov 2007.
Copyright Nikhar Agrawal 2013-14
Copyright Nick Thompson, 2019
Copyright Nick Thompson, 2018
Copyright Nick Thompson, 2017
Copyright Nick Thompson 2017-2019 .
Copyright Nicholas Thompson 2018
Copyright Neil Groves 2014
Copyright Neil Groves 2009
Copyright Neil Groves 2003-2014 .
Copyright Neil Groves & Thorsten Ottosen & Pavol Droba 2003-2004.
Copyright Nat Goodspeed 2013-2015 .
Copyright Nat Goodspeed + Oliver Kowalke 2015.
Copyright Nasos Iliopoulos, Gunter Winkler 2009.
Copyright Modified Work Barrett Adair, 2013-2016
Copyright Mike Dev 2018
Copyright Michael Drexler 2005, 2006.
Copyright Michael Caisse 2010
Copyright Matthew Pulver 2018 - 2019.
Copyright Matias Capeletto 2006-2007
Copyright Mateusz Loskot 2018 <mateusz@loskot.net>
Copyright Marshall Clow 2007. Based on the tab-check checker by Beman Dawes
Copyright Markus J. Weber 2015
Copyright Marco Guazzzone 2014
Copyright Louis Dionne, 2013-2016
Copyright Louis Dionne 2016
Copyright Louis Dionne 2015
Copyright Louis Dionne 2013-2017
Copyright Louis Dionne 2013-2013 -2016
Copyright Louis Dionne 2013
Copyright Lingxi Li 2015.
Copyright Leo Goodstadt 2012
Copyright Kohei Takahashi 2012-2016 .
Copyright Klemens Morgenstern, 2012-2015.

Copyright Klemens David Morgenstern, Hans P. Dembinski 2016-2017
Copyright Kevlin Henney, 2000-2005.
Copyright Kevlin Henney, 2000, 2001, 2002. All rights reserved.
Copyright Keld Helsgaun 2000, Oliver Kowalke 2014.
Copyright Keith MacDonald 2005.
Copyright Justinas Vygintas Daugmaudis 2010-2018
Copyright Jonathan Turkanis 2005.
Copyright John Z. Maddock 2017
Copyright John R. Bandela 2001.
Copyright John R. Bandela 2000-2002
Copyright John Maddock.
Copyright John Maddock and Paul A. Bristow 2007
Copyright John Maddock 2005-2019 .
Copyright John Maddock 2015
Copyright John Maddock 2013
Copyright John Maddock 2010
Copyright John Maddock 2008-11.
Copyright John Maddock 2007-8.
Copyright John Maddock 2007
Copyright John Maddock 2006-7, 2013-14.
Copyright John Maddock 2006-15.
Copyright John Maddock 2006, 2007, 2012, 2014.
Copyright John Maddock 2005-2006, 2011.
Copyright John Maddock 2002-4.
Copyright John Maddock 20010.
Copyright John Maddock 2001
Copyright John Maddock & Paul A. Bristow 2007, 2009, 2010, 2012
Copyright Joel Falcou 2015
Copyright Jim Bosch 2010-2012.
Copyright Jiaxun Yang 2018-2018 .
Copyright Jessica Hamilton 2014
Copyright Jeremy Siek 2002
Copyright Jeremy Murphy 2016.
Copyright Jens Maurer 2006-1011
Copyright Jens Maurer 2006
Copyright Jens Maurer 2002
Copyright Jens Maurer 2000-2001
Copyright Jens Maurer 2000, 2002
Copyright Jens Maurer 2000
Copyright Jason Rice 2015
Copyright Jason Rhinelander 2016
Copyright Jane Doe
Copyright Jan Langer 2002
Copyright James E. King, III - 2017
Copyright James E. King III, 2017
Copyright Jaap Suter 2003
Copyright Howard Hinnant 2007-2010.
Copyright Holder Information
Copyright Helge Bahmann 2011.
Copyright Hans Dembinski 2019
Copyright Hans Dembinski 2018-2019
Copyright Hans Dembinski 2016 - 2019.
Copyright Hans Dembinski
Copyright Gottfried GanÄauge 2003..2006.
Copyright Gottfried GanÄauge 2003.

Copyright Gennaro Prota 2006.
Copyright Franz Detro 2014
Copyright Frank Mori Hess 2019
Copyright Frank Mori Hess 2009
Copyright Frank Mori Hess 2007-2010 .
Copyright Frank Mori Hess 2007-2008 -2009
Copyright Frank Mori Hess 2008
Copyright Frank Mori Hess 2007-2008
Copyright Frank Mori Hess 2007
Copyright Eric Niebler 2005-2014 .
Copyright Eric Niebler 2014
Copyright Eric Niebler 2013-present
Copyright Eric Niebler 2010. Based on the assert_macro_check checker by Marshall Clow
Copyright Eric Niebler 2010. Based on the apple_macro_check checker by Marshall Clow
Copyright Eric Niebler 2009
Copyright Eric Niebler 2008
Copyright Eric Niebler 2006
Copyright Eric Niebler 2005
Copyright Eric Friedman 2003
Copyright Eric Friedman 2002-2003
Copyright Eric Friedman 2002
Copyright Emil Dotchevski 2007
Copyright Edward Nevill + Oliver Kowalke 2015
Copyright Edward Diener 2013
Copyright Douglas Gregor 2001-2006 .
Copyright Douglas Gregor 2001-2006
Copyright Douglas Gregor 2001-2004
Copyright Dietmar Kuehl 2001
Copyright Deniz Bahadir 2015
Copyright David Abrahams, Matthias Troyer, Michael Gauckler 2005.
Copyright David Abrahams, Jeremy Siek, and Thomas Witt 2003-2004 .
Copyright David Abrahams, Daniel Wallin 2003-2005 .
Copyright David Abrahams and Thomas Becker 2000-2006 .
Copyright David Abrahams and Ralf W. Grosse-Kunstleve 2003. All rights reserved
Copyright David Abrahams and Nikolay Mladenov 2003.
Copyright David Abrahams and Jeremy Siek 2003.
Copyright David Abrahams and Brett Calcott 2003.
Copyright David Abrahams 2006. Original version
Copyright David Abrahams 2004
Copyright David Abrahams 2003-2004
Copyright David Abrahams 2003
Copyright David Abrahams 2002-2003
Copyright David Abrahams 2002, Nikolay Mladenov 2007.
Copyright David Abrahams 2002, Joel de Guzman, 2002.
Copyright David Abrahams 2002
Copyright David Abrahams 2001-2009 .
Copyright David Abrahams 2000-2001 -2002
Copyright David Abrahams 2001
Copyright Dave Abrahams 2005-2006.
Copyright Dave Abrahams 2001-2002
Copyright Daryle Walker, Hubert Holin, John Maddock 2006 - 2007
Copyright Daryle Walker, Hubert Holin and John Maddock 2006
Copyright Daryle Walker 2001-2011 .
Copyright Darin Adler 2000
Copyright Daniel Wallin, David Abrahams 2005-2010 .

Copyright Daniel Wallin 2005-2007 .
Copyright Daniel Walker, Eric Niebler, Michel Morin 2008-2012.
Copyright Daniel Walker 2007
Copyright Daniel Walker 2006.
Copyright Daniel Trebbien 2010.
Copyright Daniel James 2009.
Copyright Daniel James 2006-2008 -2009
Copyright Cromwell D. Enage 2013-2019 .
Copyright Christopher Kormanyos 2002-2014 .
Copyright Christopher Kormanyos 2013-14
Copyright Christopher Kormanyos
Copyright Christopher Brown 2013
Copyright Christoper Kohlhoff 2007
Copyright Chris Glover, 2016.
Copyright Charly Chevalier 2015
Copyright Bryce Lelbach 2010
Copyright Bruno Dutra 2015
Copyright Bertolt Mildner 2004.
Copyright Benjamin Worpitz 2018
Copyright Benjamin Sobotta 2012
Copyright Beman Dawes, Daryle Walker, Gennaro Prota and John Maddock 2001-2009
Copyright Beman Dawes, 2015
Copyright Beman Dawes, 2013
Copyright Beman Dawes, 2009
Copyright Beman Dawes, 2002-2005
Copyright Beman Dawes and Daryle Walker 1999.
Copyright Beman Dawes 2015
Copyright Beman Dawes 2014
Copyright Beman Dawes 2013
Copyright Beman Dawes 2011
Copyright Beman Dawes 2010, 2011, 2014
Copyright Beman Dawes 2010
Copyright Beman Dawes 2009
Copyright Beman Dawes 2008
Copyright Beman Dawes 2007
Copyright Beman Dawes 2006, 2013
Copyright Beman Dawes 2006, 2007
Copyright Beman Dawes 2006
Copyright Beman Dawes 1994-2007 , 2011
Copyright Beman Dawes 2003, 2006, 2010
Copyright Beman Dawes 1994-2006 , 2008
Copyright Beman Dawes 2002-2003 , 2006
Copyright Beman Dawes 2003
Copyright Beman Dawes 2002-2009
Copyright Beman Dawes 2002-2008 , 2009
Copyright Beman Dawes 1995-2005 .
Copyright Beman Dawes 2002
Copyright Beman Dawes 1999-2008
Copyright Beman Dawes 1994-99.
Copyright Barrett Adair 2015-2016 -2017
Copyright Barrett Adair 2015-2018
Copyright Arno Schoedl & Neil Groves 2009.
Copyright Arnaud Kapp, Oliver Kowalke 2016
Copyright Antony Polukhin, 2011-2019 .
Copyright Antony Polukhin 2016-2019.

Copyright Andy Tompkins 2006.
Copyright Andrii Sydorchuk 2010-2015 .
Copyright Andrey Semashev 2007-2019 .
Copyright Andrey Semashev 2019
Copyright Andreas Schwab 2019
Copyright Alexander Nasonov, 2006-2010.
Copyright Alexander Nasonov 2004
Copyright Alexander Nasonov & Paul A. Bristow 2006.
Copyright Alexander Grund 2018. Corrections to singleton lifetime
Copyright Aleksey Gurtovoy 2008
Copyright Aleksey Gurtovoy 2006
Copyright Aleksey Gurtovoy 2004
Copyright Aleksey Gurtovoy 2000-2003 -2008
Copyright Aleksey Gurtovoy 2001-2003 -2007
Copyright Aleksey Gurtovoy 2000-2003 -2004
Copyright Aleksey Gurtovoy 2000-2002 -2006
Copyright Aleksey Gurtovoy 2000-2010
Copyright Aleksey Gurtovoy 2000-2009
Copyright Aleksey Gurtovoy 2000-2003
Copyright Aleksey Gurtovoy 2000-2002
Copyright Alain Miniussi 2014.
Copyright Akira Takahashi 2013.
Copyright Adam D. Walling 2012.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2009-2018 .
Copyright 2019 Sam Day
Copyright 2019 Przemyslaw Bartosik
Copyright 2019 Pranam Lashkari <plashkari628@gmail.com>
Copyright 2002-2019 Peter Dimov.
Copyright 2019 Olzhas Zhumabek <anonymous.from.applecity@gmail.com>
Copyright 2019 Miral Shah <miralshah2211@gmail.com>
Copyright 2018-2019 Mike Dev
Copyright 2019 Mateusz Loskot <mateusz at loskot dot net>
Copyright 2004-2019 John Maddock.
Copyright 2019 Henry Schreiner, Hans Dembinski
Copyright 2019 Henry Schreiner
Copyright 2019 Hans Dembinski, Henry Schreiner
Copyright 2015-2019 Hans Dembinski
Copyright 2019 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2019 Dmitry Arhipov
Copyright 2019 Damian Jarek
Copyright 2013-2019 Andrey Semashev
Copyright 2002-2019 Rene Rivera
Copyright 2011-2019 Antony Polukhin.
Copyright 2008-2018 Steven Watanabe
Copyright 2018 Stefan Seefeld
Copyright 2018 Mateusz Loskot <mateusz@loskot.net>
Copyright 2003-2019 Joaquin M Lopez Munoz
Copyright 2005-2018 Daniel James.
Copyright 2018 Andrzej Krzemienski
Copyright 2012-2019 Glen Joseph Fernandes glenjofe@gmail.com)
Copyright 2017-2018 James E. King III
Copyright 2017 Vinnie NotDefaultConstructible
Copyright 2017 Vinnie Falco
Copyright 2017 Valentin Noah Hartmann
Copyright 2017 Edward Diener

Copyright 2017-2019 James E. King, III.
Copyright 2005-2018 . Rene Rivera
Copyright 2016-2017 Klemens David Morgenstern
Copyright 2003-2018 Joaqu  n M L  pez Mu  oz.
Copyright 2016, 2018, 2019 Peter Dimov.
Copyright 2016 Mikhail Maximov.
Copyright 2016 Klemens Morgenstern, Antony Polukhin
Copyright 2015-2016 Klemens Morgenstern
Copyright 2016 Jorge Lodos
Copyright 2015-2018 Klemens D. Morgenstern
Copyright 2015-2016 Barrett Adair
Copyright 2015, 2017, 2019 Peter Dimov.
Copyright 2014-2015 NumScale SAS
Copyright 2009-2015 Mario Mulansky
Copyright 2015 LRI UMR 8623 CNRS/University Paris Sud XI
Copyright 2007-2015 John Maddock and Paul A. Bristow.
Copyright 2015-2015 John Fletcher.
Copyright 2014-2015 Renato Tegen Forti, Antony Polukhin.
Copyright 2014-2015 Glen Fernandes
Copyright 2014, 2015, 2017 Peter Dimov
Copyright 2013-2014 Paul Bristow
Copyright 2014 MetaScale SAS
Copyright 2014 Marco Guazzone (marco.guazzone@gmail.com)
Copyright 2014 Christopher Kormanyos, John Maddock and Paul A. Bristow.
Copyright 2013-2014 Christopher Kormanyos
Copyright 2014 Boris Rasin, Antony Polukhin
Copyright 2014 Bill Gallafent
Copyright 2014 Anton Bikineev
Copyright 2009-2014 Karsten Ahnert
Copyright 2013 University of Warsaw. Authors: Piotr Wygocki
Copyright 2013 Pascal Germroth
Copyright 2013 Nikhar Agrawal
Copyright 2013 Maciej Piechotka Authors: Maciej Piechotka
Copyright 2013 Kyle Lutz
Copyright 2013 Juan V. Puertos G-Cluster, Christian Henning
Copyright 2013 Cromwell D. Enage
Copyright 2013 Christian Shelton
Copyright 2013 Christian Henning and Juan V. Puertos
Copyright 2013 Ankur Sinha
Copyright 2012-2013 Andreas Angelopoulos
Copyright 2012, Philipp Moeller
Copyright 2009-2012 Vicente J. Botet Escriba
Copyright 2002-2013 The Trustees of Indiana University.
Copyright 2012 Phil Endecott
Copyright 2012 Olivier Tournaire, Christian Henning
Copyright 2012 Olivier Tournaire
Copyright 2012 Lucanus Simonson
Copyright 2012 K R Walker
Copyright 2012 IBM Corp.
Copyright 2012 Fernando Vilas 2010 Daniel Trebbien
Copyright 2004-2012 Eric Niebler.
Copyright 2012 Denis Demidov
Copyright 2012 Chung-Lin Wen, Davide Anastasia
Copyright 2012 Chung-Lin Wen
Copyright 2012 Christoph Koke

Copyright 2012 Beman Daves
Copyright 2012 Andreas Pokorny
Copyright 2012 (C) Jeffrey Lee Hellrung, Jr.
Copyright 2012 (C) Google, Inc.
Copyright 1999-2017 Beman Dawes
Copyright 2006-2013 Thorsten Ottosen
Copyright 2011-2012 Renato Tegen Forti.
Copyright 2011, Andrew Ross
Copyright 2011, 2012 Paul A. Bristow
Copyright 2011 Simon West.
Copyright 2011 Garmin Ltd. or its subsidiaries
Copyright 2008-2011 Christophe Henry henry UNDERSCORE christophe AT hotmail DOT com
Copyright 2011 Artyom Beilis
Copyright 2010-2012, D. E. Shaw Research. All rights reserved.
Copyright 2010-2012 Kenneth Riddile, Christian Henning
Copyright 2010, Jeffrey Hellrung.
Copyright 2010 Tim Blechmann
Copyright 2010 Thomas Claveirole Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Thomas Claveirole
Copyright 2010 Kenneth Riddile
Copyright 2010 Igor R
Copyright 2008-2010 Howard Hinnant
Copyright 2008-2010 Gunter Winkler <guwi17@gmx.de>
Copyright 2010 Gaetano Mendola, 2011 Simon West.
Copyright 2010 Fabien Castan, Christian Henning
Copyright 2010 Daniel Wallin, Eric Niebler.
Copyright 2010 Barend Gehrels.
Copyright 2006-2010 Andy Tompkins.
Copyright 2002-2010 Andreas Huber Doenni
Copyright 2009/2010 Vicente J. Botet Escriba
Copyright 2009-2014 Neil Groves.
Copyright 2009-2012 Vicente J. Botet Escriba.
Copyright 2008-2010 Intel Corporation
Copyright 2009, Andrew Sutton
Copyright 2009 Trustees of Indiana University. Authors: Michael Hansen, Andrew Lumsdaine
Copyright 2009 Trustees of Indiana University. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Michael Hansen
Copyright 2009 Trustees of Indiana University Authors: Jeremiah J. Willcock, Andrew Lumsdaine
Copyright 2009 Trustees of Indiana University Author: Jeremiah Willcock
Copyright 2009-2014 LRI UMR 8623 CNRS/Univ Paris Sud XI
Copyright 2009 (C) Dean Michael Berris <me@deanberris.com>
Copyright 2008-2010 Gordon Woodhull
Copyright 2008-2009 Frank Mori Hess
Copyright 2008, 2012 Jurko Gospodnetic
Copyright 2005-2008 Hartmut Kaiser.
Copyright 2008 Gautam Sewani
Copyright 2007-2008 David Jenkins.
Copyright 2008 Author: Matyas W Egyhazy
Copyright 2005-2013 Ion Gaztanaga
Copyright 2007-2012 Christian Henning, Lubomir Bourdev
Copyright 2007-2012 Christian Henning, Andreas Pokorny, Lubomir Bourdev
Copyright 2007-2012 Christian Henning, Andreas Pokorny
Copyright 2007-2013 Christian Henning
Copyright 2007-2008 Andreas Pokorny, Christian Henning

Copyright 2007-2008 Tobias Schwinger
Copyright 2007 University of Karlsruhe Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Douglas Gregor, Jens Mueller
Copyright 2007 Stanford University Authors: David Gleich
Copyright 2006-2007 Roland Schwarz
Copyright 2007 Noel Belcourt.
Copyright 2006-2007 Matias Capeletto
Copyright 2007 Baruch Zilber
Copyright 2007 Alexandre Courpron
Copyright 2007 Aaron Windsor
Copyright 2006-2007 Boris Gubenko
Copyright 2006, Eric Niebler, Olivier Gygi.
Copyright 2006 Trustees of Indiana University Authors: Jeremy G. Siek and Douglas Gregor <dgregor@cs.indiana.edu>
Copyright 2006 Olivier Gygi, Daniel Egloff.
Copyright 2006 Michael van der Westhuizen
Copyright 2006 Johan Rade
Copyright 2006-2006 Ilya Sokolov.
Copyright 2006 Eric Niebler, Olivier Gygi.
Copyright 2006 Douglas Gregor <doug.gregor -at- gmail.com>.
Copyright 2005-2006 Daniel Egloff, Olivier Gygi.
Copyright 2006 -2007 Matias Capeletto, matias.capeletto@gmail.com
Copyright 2005-2008 Adobe Systems Incorporated
Copyright 2005, 2016. Rene Rivera
Copyright 2005 Trustees of Indiana University Authors: Andrew Lumsdaine, Douglas Gregor
Copyright 2005 Toon Knapen
Copyright 2005-2005 Reece H. Dunn.
Copyright 2005 Redshift Software, Inc.
Copyright 2005 Matthias Troyer.
Copyright 2005 Joel de Guzman.
Copyright 2005 Jeremy G. Siek Authors: Jeremy G. Siek
Copyright 2005 Felix HÃ¶fling, Guillaume Melquiond
Copyright 2005 Eric Niebler, Michael Gauckler.
Copyright 2005 Eric Niebler, Daniel Egloff.
Copyright 2003-2005 Douglas Gregor.
Copyright 2005 David Abrahams and Aleksey Gurtovoy.
Copyright 2005 Daniel Wallin.
Copyright 2005 Daniel Egloff.
Copyright 2005 Daniel Egloff, Eric Niebler.
Copyright 2005 Dan Marsden.
Copyright 2005 Ben Hutchings
Copyright 2005 Alexander Nasonov.
Copyright 2003-2004 . David Abrahams
Copyright 2004-9 Trustees of Indiana University
Copyright 2004-5 The Trustees of Indiana University.
Copyright 2004, 2005 Trustees of Indiana University Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Doug Gregor, D. Kevin McGrath
Copyright 2004 The Trustees of Indiana University Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 2004 Joe Coder.
Copyright 2002-2003 . Vladimir Prus
Copyright 2002-2016 Vladimir Prus.
Copyright 2003-2013 Joaquin M Lopez Munoz. 2019 Mike Dev <mike.dev@gmx.de>
Copyright 2003-2013 Christopher M. Kohlhoff
Copyright 2003-20015 Joaquin M Lopez Munoz.

Copyright 2003, Eric Friedman, Itay Maman.
 Copyright 1999-2005 Dave Abrahams
 Copyright 2003 Jeremy Siek Authors: Lie-Quan Lee, Jeremy Siek, and Douglas Gregor
 Copyright 2003 Guillaume Melquiond, Sylvain Pion
 Copyright 2003 David Abrahams and Jeremy Siek
 Copyright 2003 Bruce Barr Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
 Copyright 2003-2014 LASMEA UMR 6602 CNRS/Univ. Clermont II
 Copyright 2003 (c) The Trustees of Indiana University.
 Copyright 2002. Dave Abrahams
 Copyright 2002-2009, 2014 Beman Dawes
 Copyright 2002-2012 , Trustees of Indiana University.
 Copyright 2002-2003 Hervé Bränninnmann, Guillaume Melquiond, Sylvain Pion
 Copyright 2002-2005 Guillaume Melquiond
 Copyright 2002,2004,2006 Joel de Guzman, Eric Niebler
 Copyright 2002, 2009, 2014 Peter Dimov
 Copyright 2002-2012 Daryle Walker.
 Copyright 2002, 2003, 2004-2006 Vladimir Prus
 Copyright 2002, 2003, 2004, 2005, 2006 Vladimir Prus
 Copyright 2002 William E. Kempf
 Copyright 2002 Rensselaer Polytechnic Institute
 Copyright 2002 Marc Wintermantel (wintermantel@even-ag.ch) ETH Zurich, Center of Structure Technologies <https://web.archive.org/web/20050307090307/http://www.structures.ethz.ch/>)
 Copyright 2002 Indiana University. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
 Copyright 2002 Indiana University.
 Copyright 2002 Brad King and Douglas Gregor
 Copyright 2002 Aleksey Gurtovoy (agurtovoy@meta-comm.com)
 Copyright 2001-2005 : CrystalClear Software, Inc <http://www.crystalclearsoftware.com>
 Copyright 2001-2004 David Abrahams.
 Copyright 2001, 2003-2011 Daryle Walker.
 Copyright 2001, 2003, 2004, 2012 Daryle Walker.
 Copyright 2001, 2002, 2003 Dave Abrahams
 Copyright 2001 University of Notre Dame. Authors: Jeremy G. Siek and Lie-Quan Lee
 Copyright 2001 Universite Joseph Fourier, Grenoble. Author: Francois Faure
 Copyright 2001 Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee,
 Copyright 2000-2001 Jens Maurer
 Copyright 2001 Indiana University Author: Jeremy G. Siek
 Copyright 2001 Dietmar Kuehl
 Copyright 2001 David Turner.
 Copyright 2000-2001, University of Notre Dame. All rights reserved.
 Copyright 2000 University of Notre Dame. Authors: Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
 Copyright 2000 Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock.
 Copyright 2000 Maarten Keijzer
 Copyright 2000 John Maddock (john@johnmaddock.co.uk)
 Copyright 2000 John Maddock (john@johnmaddock.co.uk)
 Copyright 2000 Jeremy Siek (jsiek@lsc.nd.edu)
 Copyright 1999-2004 Aleksey Gurtovoy.
 Copyright 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
 Copyright 1997-2001 University of Notre Dame. Authors: Lie-Quan Lee, Jeremy Siek
 Copyright 1997-2001 University of Notre Dame. Authors: Jeremy G. Siek, Lie-Quan Lee, Andrew Lumsdaine
 Copyright 1997-2001 University of Notre Dame. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
 Copyright 1997-2001 University of Notre Dame.

Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors: Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek,
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 1997, 1998, 1999, 2000 University of Notre Dame.
Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.
Copyright 1993-2000 Christopher Seiwald.
Copyright (c) Trustees of Indiana University 2009
Copyright (c) Tobias Schwinger <http://spirit.sourceforge.net/>
Copyright (c) Thomas Witt 2002.
Copyright (c) T. Zachary Laine 2018.
Copyright (c) Pablo Aguilar 2005
Copyright (c) Microsoft Corporation 2014
Copyright (c) Marshall Clow 2008-2017 .
Copyright (c) Kevlin Henney 2001
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2000, Alex Hagen-Zanker (2012)
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2000
Copyright (c) Jeremy Siek and Andrew Lumsdaine 2000, David Abrahams 2007
Copyright (c) Jeremy Siek and Andrew Lumsdaine 2000
Copyright (c) Jeremy Siek 2001-2003.
Copyright (c) Jeremy Siek 2001, Marc Wintermantel 2002
Copyright (c) Jeremy Siek 2001
Copyright (c) Jeremy Siek 2000
Copyright (c) Intel Corporation 2008.
Copyright (c) Glen Joseph Fernandes 2019 (glenjofe@gmail.com)
Copyright (c) Douglas Gregor 2004
Copyright (c) David Abrahams 2001.
Copyright (c) Christopher Diggins 2005
Copyright (c) Chris Glover, 2016.
Copyright (c) Charles Karney (2008-2017) <charles@karney.com>
Copyright (c) Beman Dawes 2015
Copyright (c) Beman Dawes 2011
Copyright (c) Andrey Semashev 2017
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.com>, 2017
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.com>, 2016
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.by>, 2017.
Copyright (c) Aaron Windsor 2007
Copyright (c) 2015-2106 Klemens D. Morgenstern
Copyright (c) 2007-2019 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2016-2019 , Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2014-2019 , Oracle and/or its affiliates.
Copyright (c) 2015-2019 Vinnie Falco (vinnie dot falco at gmail dot com)
Copyright (c) 2019 Tom Tan
Copyright (c) 2014-2019 Oracle and/or its affiliates.
Copyright (c) 2017-2019 Nikita Kniazev
Copyright (c) 1998-2019 Joel de Guzman
Copyright (c) 2019 Hans Dembinski
Copyright (c) 2019 Damian Jarek(damian.jarek93@gmail.com)
Copyright (c) 2019 Damian Jarek
Copyright (c) 2019 Christian Mazakas
Copyright (c) 2011-2019 Antony Polukhin

Copyright (c) 2018-2019 , Cem Bassoy, cem.bassoy@gmail.com
Copyright (c) 2016-2019 Oracle and/or its affiliates. Contributed and/or modified by Vissarion Fysikopoulos, on behalf of Oracle Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2017-2019 Mateusz Loskot <mateusz at loskot dot net>
Copyright (c) 2018-2019 Cem Bassoy
Copyright (c) 2018 agate-pris
Copyright (c) 2018 Yi Ji
Copyright (c) 2018 Yaghyavardhan Singh Khangarot, Hyderabad, India. Contributed and/or modified by Yaghyavardhan Singh Khangarot, as part of Google Summer of Code 2018 program.
Copyright (c) 2016-2018 Stefan Seefeld All rights reserved.
Copyright (c) 2018 Stefan Seefeld
Copyright (c) 2018 Oxford Nanopore Technologies
Copyright (c) 2018 Mateusz Loskot <mateusz@loskot.net>
Copyright (c) 2018 Louis Dionne, Antony Polukhin
Copyright (c) 2018 Kohei Takahshi
Copyright (c) 2018 Kohei Takahsahi
Copyright (c) 2018 Justin V. Daugmaudis
Copyright (c) 2015-2018 Jakub Szuppe <j.szuppe@gmail.com>
Copyright (c) 2013-2018 Ion Gaztanaga
Copyright (c) 2018 Fady Essam
Copyright (c) 2018 Evgeny Shulgin
Copyright (c) 2011-2018 Emil Dotchevski.
Copyright (c) 2018 Adeel Ahmad, Islamabad, Pakistan.
Copyright (c) 2011-2019 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2016-2018 , Oracle and/or its affiliates. Contributed and/or modified by Vissarion Fysikopoulos, on behalf of Oracle Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2017-2017 Albert Sverdlov
Copyright (c) 2017-2019 Oracle and/or its affiliates. Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2008-2018 James E. King III
Copyright (c) 2012-2017 Robert Ramey
Copyright (c) 2017 Paul Fultz II Jamfile.v2
Copyright (c) 2012-2017 Paul Fultz II
Copyright (c) 2016-2017 Mikhail Maximov
Copyright (c) 2017 Levon Tarakchyan
Copyright (c) 2017 Kristian Popov <kristian.popov@outlook.com>
Copyright (c) 2017 James E. King, III
Copyright (c) 2015-2017 Francisco JosÃ© Tapia (fjtapia@gmail.com)
Copyright (c) 2016-2017 Francisco Jose Tapia (fjtapia@gmail.com)
Copyright (c) 2017 Dynatrace
Copyright (c) 2017 Denis Demidov <dennis.demidov@gmail.com>
Copyright (c) 2010-2017 Daniel James <http://spirit.sourceforge.net/>
Copyright (c) 2009-2017 Daniel James
Copyright (c) 2012-2019 Andrey Semashev
Copyright (c) 2016-2019 Damian Jarek (damian dot jarek93 at gmail dot com)
Copyright (c) 2016 arett Adair
Copyright (c) 2001-2018 Peter Dimov
Copyright (c) 2016 Norbert Wenzel
Copyright (c) 2016 Modified Work Barrett Adair
Copyright (c) 2016 Mikhail Maximov vigorous.activity at gmail dot com
Copyright (c) 2016 Mikhail Maximov <vigorous.activity -at- gmail.com>
Copyright (c) 2014-2016 Lee Clagett

Copyright (c) 2016 Klemens D. Morgenstern klemens.morgenstern at gmx dot net
Copyright (c) 2016 Frank Hein, maxence business consulting gmbh
Copyright (c) 2016 Barrett Adair
Copyright (c) 2015, Oracle and/or its affiliates. Contributed and/or modified by Menelaos Karavelas, on behalf of Oracle
Copyright (c) 2007-2015 Steven Watanabe
Copyright (c) 2015 Seth Heeren
Copyright (c) 2015 Rene Rivera <http://spirit.sourceforge.net/>
Copyright (c) 2015 Orson Peters <orsonpeters@gmail.com>
Copyright (c) 2015 Orson Peters
Copyright (c) 2015 Muhammad Junaid Muzammil <mjunaidmuzammil@gmail.com>
Copyright (c) 2015 Mario Lang
Copyright (c) 2015 Jakub Pola <jakub.pola@gmail.com>
Copyright (c) 2009-2015 Artyom Beilis (Tonkikh)
Copyright (c) 2014-2015 Ahmed Charles
Copyright (c) 2015 Agustin K-ballo Berge
Copyright (c) 2014-2019, Oracle and/or its affiliates. Contributed and/or modified by Menelaos Karavelas, on behalf of Oracle Contributed and/or modified by Adam Wulkiewicz, on behalf of Oracle
Copyright (c) 2014-2019 Antony Polukhin antoshkka at gmail dot com
Copyright (c) 2014-2015 Samuel Debionne, Grenoble, France.
Copyright (c) 2009-2017 Mateusz Loskot, London, UK.
Copyright (c) 2012-2018 Kohei Takahashi
Copyright (c) 2014-2024 John Fletcher
Copyright (c) 2008-2017 Bruno Lalande, Paris, France.
Copyright (c) 2014,2015,2018 Kohei Takahashi
Copyright (c) 2014, Athanasios Iliopoulos
Copyright (c) 2014, 2018, 2019, Oracle and/or its affiliates.
Copyright (c) 2014 Tomoki Imai
Copyright (c) 2001-2014 Thomas Bernard
Copyright (c) 2014 Roshan <thisisroshansmail@gmail.com>
Copyright (c) 2014 Riccardo Marcangelo
Copyright (c) 2014 Renato Tregon Forti, Antony Polukhin.
Copyright (c) 2014 Oliver Kowalke (oliver dot kowalke at gmail dot com)
Copyright (c) 2014 Microsoft Corporation
Copyright (c) 2014 Mageswaran.D <mageswaran1989@gmail.com>
Copyright (c) 2013-2015 Kyle Lutz <kyle.r.lutz@gmail.com>
Copyright (c) 2011-2014 Jamboree
Copyright (c) 2014 Glen Joseph Fernandes glenjofe@gmail.com)
Copyright (c) 2014 Glen Fernandes
Copyright (c) 2014 Christoph Weiss
Copyright (c) 2014 Benoit
Copyright (c) 2013-2014 Anton Bikineev
Copyright (c) 2013-2014 Rastko Anicic <anicic.rastko@gmail.com>
Copyright (c) 2013-2014 Damien Buhl
Copyright (c) 2013-2014 Agustin Berge
Copyright (c) 2013 Tim Blechmann Linux-specific code by Phil Endecott
Copyright (c) 2013 Tim Blechmann ARM Code by Phil Endecott, based on other architectures.
Copyright (c) 2010-2013 Tim Blechmann
Copyright (c) 2013 Sebastian Redl
Copyright (c) 2013-2013 Paul A. Bristow
Copyright (c) 2013 Mateusz Loskot
Copyright (c) 2013 John Maddock, Antony Polukhin
Copyright (c) 2013 Joaquim Duran
Copyright (c) 2013 Eurodecision Authors: Guillaume Pinot

Copyright (c) 2013 Christopher Kormanyos
Copyright (c) 2009-2013 Carl Barron
Copyright (c) 2013 Antony Polukhin // Move semantics implementation.
Copyright (c) 2013 Agust  n Berg   http://spirit.sourceforge.net/
Copyright (c) 2013 Agustin Berge http://spirit.sourceforge.net/
Copyright (c) 2011-2013 Andrew Hundt.
Copyright (c) 2012-2012 Andrii Sydorchuk.
Copyright (c) 2009-2012 , Marco Guazzone
Copyright (c) 2012 Steven Watanabe 2014 Oliver Kowalke
Copyright (c) 2012 Oswin Krause
Copyright (c) 2012 Nathan Ridge
Copyright (c) 2012 Martin Raspaud
Copyright (c) 2001-2013 Hartmut Kaiser
Copyright (c) 2009-2012 Boris Schaeling
Copyright (c) 2012 - 2014, 2017 Andrey Semashev
Copyright (c) 2011-2015 Akira Takahashi
Copyright (c) 2011-2013, 2017 Daniel James
Copyright (c) 2011-2012 Brandon Kohn
Copyright (c) 2007-2012 : Joachim Faulhaber
Copyright (c) 2011, 2012 Martin Lambers <marlam@marlam.de>
Copyright (c) 2011-2012 Jeff Flinn, Boris Schaeling
Copyright (c) 2010-2013 Thomas Heller
Copyright (c) 2011 Thomas Bernard http://spirit.sourceforge.net/
Copyright (c) 2011 Paul Heil
Copyright (c) 2011 Michael Caisse
Copyright (c) 2011 Jan Frederick Eick
Copyright (c) 2011 Colin Rundel
Copyright (c) 2011 Christopher Jefferson
Copyright (c) 2010-2011 Bryce Lebach http://spirit.sourceforge.net/
Copyright (c) 2011 Boris Schaeling (boris@highscore.de)
Copyright (c) 2011 Aaron Graham http://spirit.sourceforge.net/
Copyright (c) 2011 Aaron Graham
Copyright (c) 2010.2017 Daniel James
Copyright (c) 2010-2011 David Bellot
Copyright (c) 2009-2011 Christopher Schmidt
Copyright (c) 2010-2011 Bryce Lebach
Copyright (c) 2010 Thomas Heller For the example:
Copyright (c) 2010 Sergey "GooRoo" Olendarenko
Copyright (c) 2010 Nuovation System Designs, LLC Grant Erickson
<gerickson@nuovations.com>
Copyright (c) 2010 Neil Groves
Copyright (c) 2010 Matthias Walter (xammy@xammy.homelinux.net)
Copyright (c) 2010 Jeroen Habraken
Copyright (c) 2010 Intel Corporation
Copyright (c) 2010 Ilya Murav'jov
Copyright (c) 2010 Gevorg Voskanyan
Copyright (c) 2010 Felipe Tanus, Boris Schaeling
Copyright (c) 2010 Eric Jourdanneau, Joel Falcou
Copyright (c) 2010 Athanasios Iliopoulos
Copyright (c) 2010 Alfredo Correa
Copyright (c) 2010 2015 Francisco Jos   Tapia (fjtapia@gmail.com)
Copyright (c) 2009-2018 Vicente J. Botet Escriba
Copyright (c) 2009-2018 Ion Gazta  F1aga
Copyright (c) 2009-2016 Vladimir Batov.
Copyright (c) 2009-2011 Gunter Winkler, David Bellot

Copyright (c) 2009, Spirent Communications, Inc.
Copyright (c) 2009, Gunter Winkler
Copyright (c) 2009-2013 Sebastian Redl (sebastian dot redl <at> getdesigned dot at)
Copyright (c) 2009-2011 Helge Bahmann
Copyright (c) 2009 Phil Endecott
Copyright (c) 2009 Gunter Winkler
Copyright (c) 2009 Francois Barel <http://spirit.sourceforge.net/>
Copyright (c) 2008-2009 Francois Barel
Copyright (c) 2009 Erik Bryan
Copyright (c) 2009 Edward Grace
Copyright (c) 2009 Chris Hoeppler
Copyright (c) 2009 ArtVPS Ltd.
Copyright (c) 2006-2017 Emil Dotchevski and Reverge Studios, Inc.
Copyright (c) 2008-2012 Simonson Lucanus.
Copyright (c) 2004-2014 Eric Niebler
Copyright (c) 2008-2009 Frank Mori Hess
Copyright (c) 2007-2009 Ben Hanson (<http://www.benhanson.net/>)
Copyright (c) 2008-2009 Ben Hanson
Copyright (c) 2008 Roelof Naude (roelof.naude at gmail dot com)
Copyright (c) 2008 Rep Invariant Systems, Inc. (info@repinvariant.com)
Copyright (c) 2008 Michael Marcin
Copyright (c) 2008 Marcin Kalicinski (kalita <at> poczta dot onet dot pl)
Copyright (c) 2008 Jurko Gospodnetic
Copyright (c) 2008 Ilya Sokolov, Boris Schaeling
Copyright (c) 2003-2008 Howard Hinnant
Copyright (c) 2008 Federico J. Fernandez.
Copyright (c) 2008 Christopher M. Kohlhoff
Copyright (c) 2007-2017 Rene Rivera
Copyright (c) 2006-2008 Tobias Schwinger
, 2002-2015 Peter Dimov
Copyright (c) 1998-2017 John Maddock
Copyright (c) 2007 by Frank Mori Hess <fmhess@users.sourceforge.net>
Copyright (c) 2007 Joel de Guzman <djowel -at- gmail.com>
Copyright (c) 2007 Frank Mori Hess <fmhess@users.sourceforge.net>
Copyright (c) 2007 David Jenkins
Copyright (c) 2005-2007 Dan Marsden
Copyright (c) 2007 Bjorn Roald
Copyright (c) 2003-2006 -7 John Maddock
Copyright (c) 2006-2009 by Emil Dotchevski and Reverge Studios, Inc.
Copyright (c) 2006-2008 Johan Rade
Copyright (c) 2006-2007 Matias Capeletto
Copyright (c) 2006, Stephan Diederich
Copyright (c) 2006-2008 Beman Dawes
Copyright (c) 2006, 2007 Julio M. Merino Vidal
Copyright (c) 2006-2006 Xiaogang Zhang, 2015 John Maddock.
Copyright (c) 2006 Xiaogang Zhang
Copyright (c) 2006 Tomas Puerle
Copyright (c) 2006 Tobias Schwinger <http://spirit.sourceforge.net/>
Copyright (c) 2006 Stephen Nutt
Copyright (c) 2006 Piotr Wyderski
Copyright (c) 2006 Michael van der Westhuizen
Copyright (c) 2004-2006 Michael Stevens
Copyright (c) 1998-2015 Joel de Guzman <http://spirit.sourceforge.net/>
Copyright (c) 2006 Joao Abecasis <http://spirit.sourceforge.net/>
Copyright (c) 2006 Ilya Sokolov

Copyright (c) 2006 Douglas Gregor <doug.gregor@gmail.com>
 Copyright (c) 2004-2006 Daniel Wallin
 Copyright (c) 2006 CrystalClear Software, Inc. Author: Jeff Garland Date
 Copyright (c) 2006 Bojan Resnik
 Copyright (c) 2003-2019 Christopher M. Kohlhoff (chris at kohlhoff dot com)
 Copyright (c) 2005-2007 Hartmut Kaiser 2007, 2009 Tim Blechmann
 Copyright (c) 2005-2006 Joao Abecasis
 Copyright (c) 2005-2006 Danny Havenith
 Copyright (c) 2005, 2014 Eric Niebler
 Copyright (c) 2005 Voipster / Indrek dot Juhani at voipster dot com
 Copyright (c) 2003-2005 Vladimir Prus
 Copyright (c) 2005 Thomas Guest <http://spirit.sourceforge.net/>
 Copyright (c) 2005 Thomas Guest
 Copyright (c) 2005 Stefan Arentz (stefan at soze dot com)
 Copyright (c) 2005 Reece H. Dunn.
 Copyright (c) 2005 Peter Dimov For Boost Phoenix:
 Copyright (c) 2005 Matthew Calabrese
 Copyright (c) 2005 Markus Schoepflin
 Copyright (c) 2005 JoÃ£o Abecasis
 Copyright (c) 2005 CrystalClear Software, Inc. Author: Jeff Garland, Bart Garst Date
 Copyright (c) 2005 Alexey Pakhunov
 Copyright (c) 2005 Aaron Windsor
 Copyright (c) 2005 2006 Joel de Guzman <http://spirit.sourceforge.net/>
 Copyright (c) 2004-2011 Michael Stevens, David Bellot
 Copyright (c) 2002-2012 Trustees of Indiana University
 Copyright (c) 2003-2007 Fernando Luis Cacciola Carballal
 Copyright (c) 2004, 2005, 2009 Peter Dimov
 Copyright (c) 2004 Robert Ramey, Indiana University (garcia@osl.iu.edu) Andrew Lumsdaine, Indiana University (lums@osl.iu.edu).
 Copyright (c) 2004 Ralf Mattethat
 Copyright (c) 2004 Kristopher Beevers
 Copyright (c) 2004 Jonathan Brandmeyer
 Copyright (c) 2004 Eric Niebler <http://spirit.sourceforge.net/>
 Copyright (c) 2004 Angus Leeming
 Copyright (c) 2003-2019 Christopher M. Kohlhoff (chris at kohlhoff dot com) Oliver Kowalke (oliver dot kowalke at gmail dot com)
 Copyright (c) 2003-2019 Christopher M. Kohlhoff (chris at kohlhoff dot com) Derived from a public domain implementation written by Daniel Casimiro.
 Copyright (c) 2003-2008 Jan Gaspar
 Copyright (c) 2003-2006 , 2008 Gennaro Prota
 Copyright (c) 2003-2004 by Douglas Gregor <doug.gregor -at- gmail.com>
 Copyright (c) 2003-2004 Gennaro Prota
 Copyright (c) 2003, Hartmut Kaiser <http://spirit.sourceforge.net/>
 Copyright (c) 2003-2008 Gerald I. Evenden
 Copyright (c) 2003 Vaclav Vesely <http://spirit.sourceforge.net/>
 Copyright (c) 2003 Vaclav Vesely
 Copyright (c) 2003 Thomas Witt
 Copyright (c) 2003 Samuel Kremp
 Copyright (c) 2003 Sam Nabialek
 Copyright (c) 2003 Paul Mensonides
 Copyright (c) 2003 Jonathan de Halleux <http://spirit.sourceforge.net/>
<http://www.boost.org/libs/spirit>
 Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com) <http://spirit.sourceforge.net/>
 Copyright (c) 2003 Jonathan de Halleux (dehalleux@pelikhan.com)
 Copyright (c) 2001-2012 Hartmut Kaiser <http://spirit.sourceforge.net/>

Copyright (c) 2003 Gustavo Guerra <http://spirit.sourceforge.net/>
 Copyright (c) 2003 Gunter Winkler, Joerg Walter
 Copyright (c) 2003 Giovanni Bajo <http://spirit.sourceforge.net/>
 Copyright (c) 2003 Giovanni Bajo
 Copyright (c) 2003 Daniel Frey
 Copyright (c) 2002-2003,2005 CrystalClear Software, Inc.
 Copyright (c) 2002-2003 William E. Kempf.
 Copyright (c) 2002-2003 Toon Knapen, Kresimir Fresl, Joerg Walter
 Copyright (c) 2002-2003 The Trustees of Indiana University. All rights reserved.
 Copyright (c) 2002-2003 Martin Wille <http://spirit.sourceforge.net/>
 Copyright (c) 2002-2003 Martin Wille
 Copyright (c) 2002-2003 Juan Carlos Arevalo-Baeza <http://spirit.sourceforge.net/>
 Copyright (c) 2002-2003 Eric Friedman, Itay Maman
 Copyright (c) 2002-2003 Eric Friedman
 Copyright (c) 2000-2003 David Abrahams
 Copyright (c) 2001-2003 -2007 CrystalClear Software, Inc.
 Copyright (c) 2000-2002 , Frank Warmerdam
 Copyright (c) 2002, 2009, 2014 Peter Dimov
 Copyright (c) 2001-2004 Peter Dimov and Multi Media Ltd.
 Copyright (c) 2002 by Peter Simons <simons@cryp.to>
 Copyright (c) 2001-2002 by Andrei Alexandrescu
 Copyright (c) 2002 Raghavendra Satish <http://spirit.sourceforge.net/>
 Copyright (c) 2002 Raghavendra Satish
 Copyright (c) 2002 Lars Gullik Bj  rnes <larsbj@lyx.org>
 Copyright (c) 2002 Juan Carlos Arevalo-Baeza
 Copyright (c) 2002 Jens Maurer
 Copyright (c) 2002 Jeff Westfahl <http://spirit.sourceforge.net/>
 Copyright (c) 2002 Jeff Westfahl
 Copyright (c) 2002 Douglas Gregor <doug.gregor -at- gmail.com>
 Copyright (c) 2002 Bill Kempf
 Copyright (c) 2002 2004 2006 Joel de Guzman
 Copyright (c) 2002 2004 2006 Joel de Guzman <http://spirit.sourceforge.net/>
 Copyright (c) 2002 2004 2006 Joel de Guzman
 Copyright (c) 2001-2009, Hartmut Kaiser
 Copyright (c) 2001-2009, 2012 Peter Dimov
 Copyright (c) 2001-2009 Daniel Nuffer <http://spirit.sourceforge.net/>
 Copyright (c) 2001-2003 Daniel Nuffer
 Copyright (c) 2001-2002 Chuck Allison and Jeremy Siek
 Copyright (c) 2001, Thomas Flemming, tf@ttqv.com
 Copyright (c) 2001-2001 , Daniel C. Nuffer.
 Copyright (c) 2001, Daniel C. Nuffer <http://spirit.sourceforge.net/>
 Copyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd.
 Copyright (c) 2001, 2002 Python Software Foundation; All Rights Reserved
 Copyright (c) 2001 Samuel Krempf krempf@crans.ens-cachan.fr
 Copyright (c) 2001 Ronald Garcia, Indiana University (garcia@osl.iu.edu) Andrew Lumsdaine, Indiana University (lums@osl.iu.edu).
 Copyright (c) 2001 Ralf W. Grosse-Kunstleve.
 Copyright (c) 2001 Doug Gregor
 Copyright (c) 2001 Darin Adler
 Copyright (c) 2001-2001 Daniel C. Nuffer.
 Copyright (c) 2001 Bruce Florman <http://spirit.sourceforge.net/>
 Copyright (c) 2001 Bruce Florman
 Copyright (c) 2001 Alexander Peslyak
 Copyright (c) 2000-2013 Joerg Walter, Mathias Koch. David Bellot
 Copyright (c) 2000-2013 Joerg Walter, Mathias Koch, Athanasios Iliopoulos

Copyright (c) 2000-2011 Joerg Walter, Mathias Koch, David Bellot
Copyright (c) 2000-2010 Joerg Walter, Mathias Koch, Gunter Winkler, David Bellot
Copyright (c) 2000-2009 Joerg Walter, Mathias Koch, Gunter Winkler
Copyright (c) 2000-2004 Joerg Walter, Mathias Koch
Copyright (c) 2000-2003 Brian McNamara and Yannis Smaragdakis
Copyright (c) 2000-2001 University of Notre Dame. All rights reserved.
Copyright (c) 2000 Jeremy Siek and Andrew Lumsdaine, 2007 David Abrahams
Copyright (c) 2000 Cadenza New Zealand Ltd
Copyright (c) 1999-2006: Cortex Software GmbH, Kantstrasse 57, Berlin
Copyright (c) 1999-2003 Jeremiah Willcock
Copyright (c) 1999-2003 Jaakko Jarvi
Copyright (c) 1998-2009 Dr John Maddock
Copyright (c) 1996-1999 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1995, Gerald Evenden
Copyright (c) 1995, 2007-2015 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 1995 Maarten Hilferink, Amsterdam, the Netherlands
Copyright (c) 1994 Hewlett-Packard Company
Copyright (c) 1991-2009 Unicode, Inc.
Copyright (c) 1986 by University of Toronto. Written by Henry Spencer.
Copyright (arg) 2001-2014 Joel de Guzman
Copyright (C) Vladimir Prus 2002-2003 .
Copyright (C) Vladimir Prus 2003 Authors: Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright (C) Pieter Bastiaan Ober 2014.
Copyright (C) Eric Niebler 2005-2008 .
Copyright (C) Douglas Gregor 2008
Copyright (C) Douglas Gregor 2001-2006.
Copyright (C) 2019 Austin Beer
Copyright (C) 2018-2019 Nikita Kniazev
Copyright (C) 2014-2018 , Andrzej Krzemienski.
Copyright (C) 2018 Steffen Hirschmann
Copyright (C) 2018 Kohei Takahashi
Copyright (C) 2017-2018 James E. King III
Copyright (C) 2013-2018 Alain Miniussi <alain.miniussi@oca.eu>.
Copyright (C) 2017 Minmin Gong
Copyright (C) 2017 Michel Morin.
Copyright (C) 2017 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright (C) 2017 Daniela Engert
Copyright (C) 2017 Alain Miniussi & Vincent Chabannes
Copyright (C) 2016-2019, Antony Polukhin.
Copyright (C) 2016-2018 T. Zachary Laine
Copyright (C) 2016-2017 Vinnie Falco
Copyright (C) 2016 K. Noel Belcourt <kbelco -at- sandia.gov>.
Copyright (C) 2015-2019 Hans Dembinski
Copyright (C) 2014-2018 Andrzej Krzemienski.
Copyright (C) 2009-2015 Sebastian Redl
Copyright (C) 2015 Michael Caisse, ciere.com
Copyright (C) 2011-2019 Vicente J. Botet Escriba
Copyright (C) 2014, andrzej Krzemienski.
Copyright (C) 2014, 2016 andrzej Krzemienski.
Copyright (C) 2012-2014 Pieter Bastiaan Ober (Integricom).
Copyright (C) 2014 Ian Forbed
Copyright (C) 2014 Glen Joseph Fernandes glenjofe@gmail.com)
Copyright (C) 2014 Erik Erlandson
Copyright (C) 2014 Christoph Weiss
Copyright (C) 2014 Andrey Semashev

Copyright (C) 2014 Agustin Berge
Copyright (C) 2011-2019 Antony Polukhin.
Copyright (C) 2013-2015 Kyle Lutz
Copyright (C) 2013 Jakob Lykke Andersen, University of Southern Denmark
(jlandersen@imada.sdu.dk)
Copyright (C) 2013 Eurodecision Authors: Guillaume Pinot
Copyright (C) 2013 Bjorn Roald
Copyright (C) 2013 Andreas Hehn <hehn@phys.ethz.ch>, ETH Zurich
Copyright (C) 2012-2014 Vicente Botet
Copyright (C) 2012, Michele Caini.
Copyright (C) 2012 Flavio De Lorenzi (fdlorenzi@gmail.com)
Copyright (C) 2012 David Stone
Copyright (C) 2007-2012 Anthony Williams
Copyright (C) 2011-2013, 2016 Tim Blechmann
Copyright (C) 2008-2016 Tim Blechmann
Copyright (C) 2006-2011 Steven Watanabe
Copyright (C) 2011 J  lio Hoffmann.
Copyright (C) 2010-2011 Bryce Lebach
Copyright (C) 2010 Paul A. Bristow
Copyright (C) 2010 Intel Corporation
Copyright (C) 2010 Christopher Schmidt
Copyright (C) 2008-2019 Lorenzo Caminiti
Copyright (C) 2009 Trustees of Indiana University Authors: Jeremiah Willcock, Andrew
Lumsdaine
Copyright (C) 2009 The Trustees of Indiana University. Authors: Nick Edmonds, Brian Barrett,
and Andrew Lumsdaine
Copyright (C) 2009 The Trustees of Indiana University. Authors: Nick Edmonds and Andrew
Lumsdaine
Copyright (C) 2009 The Trustees of Indiana University. Authors: Brian Barrett, Douglas Gregor,
and Andrew Lumsdaine
Copyright (C) 2004-2010 The Trustees of Indiana University.
Copyright (C) 2009 Andrew Sutton
Copyright (C) 2005-2016 Daniel James.
Copyright (C) 2008, 2009, 2016 Tim Blechmann, based on code by Cory Nelson
Copyright (C) 2008 Ion Gaztanaga
Copyright (C) 2005-2008 Eric Niebler.
Copyright (C) 2007-9 Anthony Williams
Copyright (C) 2007-8 Anthony Williams
Copyright (C) 2007, Tobias Schwinger.
Copyright (C) 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker
Copyright (C) 2005-2007 Trustees of Indiana University
Copyright (C) 2007 Matthias Troyer <troyer@boost-consulting.com>
Copyright (C) 2007 Douglas Gregor and Matthias Troyer
Copyright (C) 2007 Douglas Gregor : Douglas Gregor and Andrew Lumsdaine
Copyright (C) 2005-2007 Douglas Gregor <doug.gregor@gmail.com>
Copyright (C) 2007 Alexey Baskakov
Copyright (C) 2006-2009, 2012 Alexander Nasonov
Copyright (C) 2006-2009 Dmitry Bufistov and Andrey Parfenov
Copyright (C) 2002-2009 Marcin Kalicinski
Copyright (C) 2006 Trustees of Indiana University Authors: Douglas Gregor and Jeremy Siek
Copyright (C) 2006 Tobias Schwinger <http://spirit.sourceforge.net/>
Copyright (C) 2006 Tobias Schwinger
Copyright (C) 2006 Tiago de Paula Peixoto <tiago@forked.de>
Copyright (C) 2005-2007 Douglas Gregor <doug.gregor-at- gmail.com>.
Copyright (C) 2006 Dan Marsden

Copyright (C) 2005-2009 Jongsoo Park <jongsoo.park -at- gmail.com>
 Copyright (C) 2004-2010 Peder Holt
 Copyright (C) 2005-2007 Matthias Troyer
 Copyright (C) 2005-2018 Alain Miniussi <alain.miniussi -at- oca.eu>.
 Copyright (C) 2003-2005 , Fernando Luis Cacciola Carballal.
 Copyright (C) 2001-2007 Douglas Gregor.
 Copyright (C) 2005 Igor Chesnokov, mailto:ichesnokov@gmail.com
 Copyright (C) 2005 Arkadiy Vertleyb, Peder Holt.
 Copyright (C) 2004-2008 Rene Nyffenegger
 Copyright (C) 2004, 2005, 2006, 2007, 2008 The Trustees of Indiana University. Authors:
 Douglas Gregor and Andrew Lumsdaine
 Copyright (C) 2004, 2005, 2006, 2007, 2008 The Trustees of Indiana University.
 Copyright (C) 2004-2005 The Trustees of Indiana University. Authors: Nick Edmonds, Douglas
 Gregor, and Andrew Lumsdaine
 Copyright (C) 2004-2005 The Trustees of Indiana University. Authors: Douglas Gregor and
 Andrew Lumsdaine
 Copyright (C) 2004-2006 Arkadiy Vertleyb
 Copyright (C) 2003-2009 Matthias Christian Schabel
 Copyright (C) 2003-2004 Jeremy B. Maitin-Shepard.
 Copyright (C) 2003,2007 Rene Rivera.
 Copyright (C) 2003, Eric Friedman, Itay Maman.
 Copyright (C) 2003, 2008 Fernando Luis Cacciola Carballal.
 Copyright (C) 2003 Vesa Karvonen.
 Copyright (C) 2003 Gennaro Prota.
 Copyright (C) 2002-2009 Vladimir Prus.
 Copyright (C) 2002-2003 David Moore, William E. Kempf
 Copyright (C) 2002-2003 David Abrahams.
 Copyright (C) 2002, 2008, 2013 Peter Dimov
 Copyright (C) 2000-2002 Gary Powell (gwpowell@hotmail.com)
 Copyright (C) 2002 Brad King and Douglas Gregor
 Copyright (C) 2002 Brad King (brad.king@kitware.com) Douglas Gregor (gregod@cs.rpi.edu)
 Copyright (C) 2002 Beman Dawes
 Copyright (C) 2001-2018 Joel de Guzman
 Copyright (C) 2001-2015 Hartmut Kaiser
 Copyright (C) 2001-2003 William E. Kempf
 Copyright (C) 2001-2003 Mac Murrett
 Copyright (C) 2001-2003 Jaakko Järvi
 Copyright (C) 2001-2003 Douglas Gregor (gregod@cs.rpi.edu)
 Copyright (C) 2001-2018 Peter Dimov
 Copyright (C) 2001 Vladimir Prus <ghost@cs.msu.su> Authors: Andrew Lumsdaine, Lie-Quan
 Lee, Jeremy G. Siek, Douglas Gregor
 Copyright (C) 2001 Vladimir Prus <ghost@cs.msu.su>
 Copyright (C) 2001 Jeremy Siek, Douglas Gregor, Brian Osman
 Copyright (C) 2001 Jeremy Siek <jsiek@cs.indiana.edu>
 Copyright (C) 2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) 2001 Gary Powell
 (gary.powell@sierra.com)
 Copyright (C) 2001 Housemarque Oy http://www.housemarque.com
 Copyright (C) 2000-2001 Gary Powell (gary.powell@sierra.com)
 Copyright (C) 2001 Dietmar Kuehl
 Copyright (C) 2001 Daryle Walker.
 Copyright (C) 2000-2003 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
 Copyright (C) 2000-2003 Gary Powell (powellg@amazon.com)
 Copyright (C) 2000-2001 Stephen Cleary
 Copyright (C) 1999-2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) Gary Powell
 (gwpowell@hotmail.com)

Copyright (C) 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler
Copyright (3) Ion Gaztanaga 2013
Copyright (2) Beman Dawes 2010, 2011
Copyright © 2009-2016 Vladimir Batov
Copyright © 2009-2012 Lorenzo Caminiti
Copyright © 2008 Howard Hinnant
Copyright © 2007, 2008 Tobias Schwinger
Copyright © 2006-2012 Matias Capeletto
Copyright © 2006-2012 Alexander Nasonov, Lorenzo Caminiti
Copyright © 2004-2007 Fernando Luis Cacciola Carballal
Copyright © 2003-2010 Thorsten Ottosen, Neil Groves
Copyright © 2003, 2005 David Abrahams Jeremy Siek Thomas Witt
Copyright © 2002-2015 David Abrahams, Stefan Seefeld
Copyright © 2002-2005, 2015 David Abrahams, Stefan Seefeld
Copyright © 2002-2005, 2010, 2014, 2015 Joel de Guzman, Dan Marsden, Thomas Heller, John Fletcher
Copyright © 2002-2005 Joel de Guzman, David Abrahams
Copyright © 2002 http://www.boost.org/people/jeremy_siek.htm Jeremy Siek , Indiana University (<mailto:jsiek@osl.iu.edu> http://www.boost.org/people/liequan_lee.htm Lie-Quan Lee , Indiana University
Copyright © 2001-2018 Joel de Guzman, Hartmut Kaiser
Copyright © 2001-2009 Beman Dawes, Daryle Walker, Gennaro Prota, John Maddock
Copyright © 2001-2006, 2011, 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
Copyright © 2001-2005 CrystalClear Software, Inc
Copyright © 2001 Jaakko Järvi
Copyright © 2001 <mailto:williamkempf@hotmail.com>">William E. Kempf
Copyright © 2000, 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant, Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Steven Watanabe
Copyright © 2000 http://www.boost.org/people/jeremy_siek.htm Jeremy Siek , Univ.of Notre Dame >jsiek@lsc.nd.edu
Copyright © 2000 Cadenza New Zealand Ltd.
(c) Peter Kankowski, 2008
(c) Copyright Robert Ramey 2004
(c) Copyright Mark Rodgers 2000"
(c) Copyright Juergen Hunold 2008
(c) Copyright John R. Bandela 2001.
(c) Copyright Jeremy Siek and John R. Bandela 2001.
(c) Copyright Jeremy Siek 2002.
(c) Copyright Fernando Luis Cacciola Carballal 2000-2004
(c) Copyright Andreas Huber Doenni 2002-2005, Eric Niebler 2006
(c) 2008 Gordon Woodhull
(C) David Abrahams 2002.
(C) Copyright William E. Kempf 2001.
(C) Copyright Vladimir Prus, David Abrahams, Michael Stevens, Hartmut Kaiser, Ion Gaztanaga 2007-2008
(C) Copyright Vicente J. Botet Escriba 2010-2017 .
(C) Copyright Vicente J. Botet Escriba 2008-2009,2012.
(C) Copyright Vicente J. Botet Escriba 20010.
(C) Copyright Toon Knapen 2001.
(C) Copyright Tobias Schwinger
(C) Copyright Thorsten Ottosen 2005
(C) Copyright Thorsten Ottosen 2002-2005 .

(C) Copyright Thomas Witt 2002-2003 .
(C) Copyright Thomas Claveirole 2010
(C) Copyright Synge Todo 2003.
(C) Copyright Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2005 .
(C) Copyright Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000.
(C) Copyright Steve Cleary & John Maddock 2000.
(C) Copyright Stephen Cleary 2000.
(C) Copyright Samuli-Petrus Korhonen 2017.
(C) Copyright Runar Undheim, Robert Ramey & John Maddock 2008.
(C) Copyright Ronald Garcia, Jeremy Siek 2002.
(C) Copyright Ronald Garcia 2002.
(C) Copyright Roland Richter 2003.
(C) Copyright Robert Ramey 2003. Jonathan Turkanis 2004.
(C) Copyright Robert Ramey 2002-2004.
(C) Copyright Reimar D  ffinger 2018.
(C) Copyright Rani Sharoni 2003-2005 .
(C) Copyright R.W. Grosse-Kunstleve 2002-2002 .
(C) Copyright Pieter Bastiaan Ober 2014.
(C) Copyright Peter Dimov and Multi Media Ltd. 2001, 2002, 2003
(C) Copyright Peter Dimov 2019
(C) Copyright Peter Dimov 2001-2017 .
(C) Copyright Peter Dimov 2004-2005
(C) Copyright Peter Dimov 2002
(C) Copyright Peter Dimov 2001, 2002, 2003
(C) Copyright Peter Dimov 2001, 2002
(C) Copyright Peter Dimov 2001
(C) Copyright Paul Moore 1999.
(C) Copyright Paul Mensonides 2002-2012 .
(C) Copyright Paul A. Bristow 2011
(C) Copyright Paul A. Bristow 2006.
(C) Copyright Pablo Halpern 2009.
(C) Copyright Orson Peters 2017.
(C) Copyright Olaf Krzikalla 2004-2006.
(C) Copyright Nikita Kniazev 2019.
(C) Copyright Nicolai M. Josuttis 2001.
(C) Copyright Nick Thompson 2017-2019 .
(C) Copyright Milan Svoboda 2008-2008 .
(C) Copyright Microsoft Corporation 2014
(C) Copyright Michael Glassford 2004.
(C) Copyright Matthias Troyerk 2006.
(C) Copyright Mat Marcus, Jesse Jones and Adobe Systems Inc 2001
(C) Copyright Marshall Clow 2018
(C) Copyright Marshall Clow 2012
(C) Copyright Markus Schoepflin 2007
(C) Copyright Kevlin Henney and Dave Abrahams 1999.
(C) Copyright Jorge Lodos 2008-2008 .
(C) Copyright Jonathan Turkanis 2003-2005 .
(C) Copyright Jonathan Turkanis 2004
(C) Copyright Jonathan Graehl 2004-2004 .
(C) Copyright John maddock 1999.
(C) Copyright John Maddock and Steve Cleary 2000.
(C) Copyright John Maddock 1999-2019 .
(C) Copyright John Maddock 2006-8.
(C) Copyright John Maddock 2006-7.

(C) Copyright John Maddock 2006, 2015
(C) Copyright John Maddock 2001 - 2003
(C) Copyright John Maddock 2001
(C) Copyright John Maddock & Thorsten Ottosen 2005.
(C) Copyright Johan Rade 2006.
(C) Copyright Joel de Guzman 2003.
(C) Copyright Joaquin M Lopez Munoz 2006-2013
(C) Copyright Jeremy William Murphy 2015-2016 .
(C) Copyright Jeremy Siek, 2001.
(C) Copyright Jeremy Siek 2006
(C) Copyright Jeremy Siek 2004
(C) Copyright Jeremy Siek 1999-2004 .
(C) Copyright Jeremiah Willcock 2004
(C) Copyright Jens Maurer 2001-2003 .
(C) Copyright Jens Maurer 2001
(C) Copyright Jens Mauer 2001
(C) Copyright Ion Gaztanaga.
(C) Copyright Ion Gaztanaga 2004-2018 .
(C) Copyright Ion Gaztanaga 2017-2017
(C) Copyright Ion Gaztanaga 2006-2014 -2015
(C) Copyright Ion Gaztanaga 2006-2014 -2014
(C) Copyright Ion Gaztanaga 2006-2013 -2013
(C) Copyright Ion Gaztanaga 2008
(C) Copyright Ion Gaztanaga 2006-2012
(C) Copyright Ignacy Gawedzki 2010
(C) Copyright Hubert Holin and Daryle Walker 2001-2002.
(C) Copyright Hubert Holin 2001-2001 .
(C) Copyright Howard Hinnant 2007-2010.
(C) Copyright Howard Hinnant 2004
(C) Copyright Howard Hinnant
(C) Copyright Herve Bronnimann 2004.
(C) Copyright Hans Dembinski 2019.
(C) Copyright Guillaume Melquiond 2003.
(C) Copyright Greg Colvin and Beman Dawes 1998, 1999.
(C) Copyright Gennaro Prota 2003-2004 .
(C) Copyright Gaetano Mendola 2010, Simon West 2011.
(C) Copyright Frederic Bron 2009-2011.
(C) Copyright Francois Faure, iMAGIS-GRAVIR / UJF, 2001.
(C) Copyright Eric Niebler, Olivier Gygis 2006.
(C) Copyright Eric Niebler 2004-2008 .
(C) Copyright Eric Friedman 2002-2003.
(C) Copyright Eric Ford 2001 & Hubert Holin.
(C) Copyright Eric Ford & Hubert Holin 2001.
(C) Copyright Edward Diener 2011-2019 .
(C) Copyright Edward Diener 2015
(C) Copyright Edward Diener 2012
(C) Copyright Edward Diener 2011-2015,2019
(C) Copyright Edward Diener 2011-2015
(C) Copyright Edward Diener 2011-2012 ,2013
(C) Copyright Edward Diener 2011,2012
(C) Copyright Dustin Spicuzza 2009. Adapted to vxWorks 6.9 by Peter Brockamp 2012.
Updated for VxWorks 7 by Brian Kuhl 2016
(C) Copyright Douglas Gregor 2002.
(C) Copyright David Abrahams, Vicente Botet 2009.
(C) Copyright David Abrahams, Jeremy Siek, Daryle Walker 1999-2001 .

(C) Copyright David Abrahams Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2002.
(C) Copyright David Abrahams 2000-2004 .
(C) Copyright David Abrahams 2001, Howard Hinnant 2001.
(C) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000-2010 .
(C) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2003 .
(C) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000.
(C) Copyright Dave Abrahams and Daryle Walker 2001.
(C) Copyright Dave Abrahams and Daniel Walker 1999-2003.
(C) Copyright Daryle Walker and Stephen Cleary 2001-2002.
(C) Copyright Daryle Walker 2001-2002 .
(C) Copyright Daryle Walker 2001, 2006.
(C) Copyright Darin Adler 2001-2002 .
(C) Copyright Darin Adler 2001
(C) Copyright Darin Adler 2000
(C) Copyright Daniel Wallin 2004.
(C) Copyright Daniel K. O. 2005.
(C) Copyright Daniel Frey and Robert Ramey 2009.
(C) Copyright Daniel Frey 2002-2017.
(C) Copyright Craig Henderson 2002.
(C) Copyright Christopher Jefferson 2011.
(C) Copyright Bryce Lebach 2010
(C) Copyright Bruno Lalande 2008.
(C) Copyright Boris Rasin and Antony Polukhin 2014-2019.
(C) Copyright Boris Rasin 2014.
(C) Copyright Boris Gubenko 2007.
(C) Copyright Boost.org 2001.
(C) Copyright Beman Dawes, Dave Abrahams 1999.
(C) Copyright Beman Dawes, 2001
(C) Copyright Beman Dawes 2006, 2009, 2014
(C) Copyright Beman Dawes 2006, 2009
(C) Copyright Beman Dawes 1999-2003 .
(C) Copyright Beman Dawes 2002-2006
(C) Copyright Beman Dawes 2002, 2006, 2011
(C) Copyright Beman Dawes 2002, 2006
(C) Copyright Beman Dawes 2002
(C) Copyright Balint Cserni 2017
(C) Copyright Antony Polukhin, 2012-2019.
(C) Copyright Antony Polukhin 2012-2014 .
(C) Copyright Anton Bikineev 2014
(C) Copyright Andrey Semashev 2017.
(C) Copyright Andrew Sutton 2007
(C) Copyright Alisdair Meredith 2006.
(C) Copyright Aleksey Gurtovoy 2002.
(C) Copyright Aaron W. LaFramboise, Roland Schwarz, Michael Glassford 2004.
(C) Copyright 2002-2018 Robert Ramey - <http://www.rrsd.com> .
(C) Copyright 2013-2018 Andrey Semashev
(C) Copyright 2016 Ashish Sadanandan
(C) Copyright 2009-2018 Vicente J. Botet Escriba
(C) Copyright 2012-2014 Vicente Botet
(C) Copyright 2014 Jim Bell
(C) Copyright 2013-2013 Ion Gaztanaga

(C) Copyright 2013 Tim Blechmann
(C) Copyright 2013 Ruslan Baratov
(C) Copyright 2013 Andrey
(C) Copyright 2004-2012 : Eric Niebler
(C) Copyright 2012 Howard Hinnant
(C) Copyright 2011-2013 Andrew Hundt <ATHundt@gmail.com>
(C) Copyright 2011-2012,2017-2018 Vicente J. Botet Escriba
(C) Copyright 2011-2012,2015 Vicente J. Botet Escriba
(C) Copyright 2011-2012 Vicente J.Botet Escriba.
(C) Copyright 2011,2012,2015 Vicente J. Botet Escriba
(C) Copyright 2009-2010 : Tim Blechmann
(C) Copyright 2008-2010 Robert Ramey
(C) Copyright 2010 Just Software Solutions Ltd <http://www.justsoftwaresolutions.co.uk>
(C) Copyright 2010 Daniel James
(C) Copyright 2010 Bryce Lelbach
(C) Copyright 2007-2012 Anthony Williams
(C) Copyright 2009-2011 Frederic Bron.
(C) Copyright 2009-2011 Frederic Bron, Robert Stewart, Steven Watanabe & Roman Perepelitsa.
(C) Copyright 2009 Eric Bose-Wolf
(C) Copyright 2007-2008 -9 Anthony Williams
(C) Copyright 2008-2009,2012 Vicente J. Botet Escriba
(C) Copyright 2008-10 Anthony Williams 2015 Oliver Kowalke
(C) Copyright 2007-2008 -10 Anthony Williams
(C) Copyright 2005-2008 Matthias Troyer
(C) Copyright 2008 CodeRage, LLC (turkanis at coderage dot com)
(C) Copyright 2005-2007 -8 Anthony Williams
(C) Copyright 2007-2009 Andrew Sutton
(C) Copyright 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker
(C) Copyright 2007 Roland Schwarz
(C) Copyright 2005-2007 Matthias Troyer .
(C) Copyright 2006-2007 Douglas Gregor <doug.gregor -at- gmail.com> Andreas Kloeckner <inform -at- tiker.net>
(C) Copyright 2007 David Deakins
(C) Copyright 2005-2006 -7 Anthony Williams
(C) Copyright 2006-2006 Eric Niebler, Olivier Gygi.
(C) Copyright 2006 Douglas Gregor <doug.gregor -at- gmail.com>
(C) Copyright 2006 Douglas Gregor <doug.gregor -at gmail.com>
(C) Copyright 2006 David Abrahams
(C) Copyright 2003-2007 Jonathan Turkanis
(C) Copyright 2005, 2006 Trustees of Indiana University
(C) Copyright 2005 The Trustees of Indiana University.
(C) Copyright 2005 Robert Ramey - <http://www.rrsd.com>
(C) Copyright 2005 Matthias Troyer and Dave Abrahams
(C) Copyright 2005 John Maddock
(C) Copyright 2005 Douglas Gregor
(C) Copyright 2005 Daniel Egloff, Eric Niebler
(C) Copyright 2004-2009 Robert Ramey, Martin Ecker and Takatoshi Kondo
(C) Copyright 2004 Robert Ramey and Martin Ecker
(C) Copyright 2004 Pavel Vozenilek.
(C) Copyright 2003-4 Pavel Vozenilek and Robert Ramey - <http://www.rrsd.com>.
(C) Copyright 2002-4 Robert Ramey - <http://www.rrsd.com> .
(C) Copyright 2002-4 Pavel Vozenilek .
(C) Copyright 2002-2008 , Fernando Luis Cacciola Carballal.
(C) Copyright 2002-2008 Robert Ramey and Joaquin M Lopez Munoz

(C) Copyright 2002, 2003 Beman Dawes
 (C) Copyright 2002 Rani Sharoni (rani_sharoni@hotmail.com) and Robert Ramey
 (C) ACM, 2011. <http://doi.acm.org/10.1145/1916461.1916469>
 (C) 2013-2019 Niall Douglas <<http://www.nedproductions.biz/>>
 (C) 2018-2019 Niall Douglas <<http://www.nedproductions.biz/>>
 (C) 2017-2019 Niall Douglas <<http://www.nedproductions.biz/>> , Andrzej Krzemienski
 <akrzemi1@gmail.com> and Krzemienski <sg0897542@global.ad.sabre.com>
 (C) 2017-2019 Niall Douglas <<http://www.nedproductions.biz/>> and Andrzej Krzemienski
 <akrzemi1@gmail.com>
 (C) 2006 Douglas Gregor <doug.gregor@gmail.com>
 © Copyright Beman Dawes, 2001

1.7.2 Acknowledgements

This product includes software developed at the University of Notre Dame and the Pervasive Technology Labs at Indiana University. For technical information contact Andrew Lumsdaine at the Pervasive Technology Labs at Indiana University. For administrative and license questions contact the Advanced Research and Technology Institute at 351 West 10th Street. Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902.

To the extent files may be licensed under MIT or BSL-1.0, in this context MIT has been chosen as it is the Main License.

This shall not restrict the freedom of other users to choose either MIT or BSL-1.0 license.

To the extent the files may be licensed under MIT and NCSA licenses, in this context MIT licenses has been chosen.

1.7.3 Licenses

1.7.3.1 BSL-1.0

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.7.3.2 Zlib

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software. Permission is granted to anyone to use this software for any purpose, including commercial

applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.7.3.3 *Zlib*

This source code is provided 'as-is', without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this source code must not be misrepresented; you must not claim that you wrote the original source code. If you use this source code in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original source code.
3. This notice may not be removed or altered from any source distribution.

Rene Nyffenegger rene.nyffenegger@adp-gmbh.ch

1.7.3.4 *Zlib*

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly	Mark Adler
jloup@gzip.org	madler@alumni.caltech.edu

1.7.3.5 *Unicode-TOU*

Unicode Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy. For trademark usage, see the Unicode® Consortium Name and Trademark Usage Policy.

A. Unicode Copyright.

1. Copyright © 1991-2014 Unicode, Inc. All rights reserved.

2. Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

3. Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files solely for informational purposes in the creation of products supporting the Unicode Standard, subject to the Terms and Conditions herein.

4. Further specifications of rights and restrictions pertaining to the use of the particular set of data files known as the "Unicode Character Database" can be found in Exhibit 1.

5. Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page. The online code charts carry specific restrictions. All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

6. No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

7. Modification is not permitted with respect to this document. All copies of this document must be verbatim.

B. Restricted Rights Legend. Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

C. Warranties and Disclaimers.

1. This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

2. If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

3. EXCEPT AS PROVIDED IN SECTION C.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

D. Waiver of Damages. In no event shall Unicode or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

E. Trademarks & Logos.

1. The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. "The Unicode Consortium" and "Unicode, Inc." are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.'s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names.

2. The Unicode Consortium Name and Trademark Usage Policy ("Trademark Policy") are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

3. All third party trademarks referenced herein are the property of their respective owners.

F. Miscellaneous.

1. Jurisdiction and Venue. This server is operated from a location in the State of California, United States of America. Unicode makes no representation that the materials are appropriate for use in other locations. If you access this server from other locations, you are responsible for compliance with local laws. This Agreement, all use of this site and any claims and damages resulting from use of this site are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this site shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.

2. Modification by Unicode Unicode shall have the right to modify this Agreement at any time by posting it to this site. The user may not assign any part of this Agreement without Unicode's prior written consent.

3. Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode's net income.

4. Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

5. Entire Agreement. This Agreement constitutes the entire agreement between the parties.

1.7.3.6 Software License, Version 1.0

Software License, Version 1.0

Copyright 2002-2003, Trustees of Indiana University.
Copyright 2000-2001, University of Notre Dame.
All rights reserved.

Indiana University has the exclusive rights to license this product under the following license.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, this list of conditions and the disclaimer listed in this license;

* All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution;

* Any documentation included with all redistributions must include the

following acknowledgement:

"This product includes software developed at the University of Notre Dame and the Pervasive Technology Labs at Indiana University. For technical information contact Andrew Lumsdaine at the Pervasive Technology Labs at Indiana University. For administrative and license questions contact the Advanced Research and Technology Institute at 351 West 10th Street. Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902."

Alternatively, this acknowledgement may appear in the software itself, and wherever such third-party acknowledgments normally appear.

* The name Indiana University, the University of Notre Dame or "Caramel" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact Indiana University Advanced Research & Technology Institute.

* Products derived from this software may not be called "Caramel", nor may Indiana University, the University of Notre Dame or "Caramel" appear in their name, without prior written permission of Indiana University Advanced Research & Technology Institute.

Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise.

LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE.

1.7.3.7 *Silicon Graphics Notice*

Silicon Graphics Computer Systems, Inc.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.7.3.8 *Public-domain*

public domain

1.7.3.9 *Public-domain*

No copyright is claimed, and the software is hereby placed in the public domain. In case this attempt to disclaim copyright and place the software in the public domain is deemed null and void, then the software is Copyright (c) 2001 Alexander Peslyak and it is hereby released to the general public under the following terms:

Redistribution and use in source and binary forms, with or without modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.

1.7.3.10 *Permission Notice(Silicon Graphics Computer Systems, Inc.)*

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.7.3.11 *Permission Notice(Paul Moore)*

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

1.7.3.12 *Permission Notice*

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appears in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.7.3.13 *Permission Notice*

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. William E. Kempf makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.7.3.14 *Permission Notice*

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.7.3.15 *Permission Notice*

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. CrystalClear Software makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.7.3.16 *Permission Notice*

Permission to copy, use, sell and distribute this software is granted provided this copyright notice appears in all copies. Permission to modify the code and to distribute modified code is granted provided this copyright notice appears in all copies, and a notice that the code was modified is included with the copyright notice.

This software is provided "as is" without express or implied warranty,

and with no claim as to its suitability for any purpose.

1.7.3.17 Permission Notice

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

1.7.3.18 Permission Notice

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

1.7.3.19 Permission Notice

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

boostinspect:nolicense (don't complain about the lack of a Boost license)
(Paul Moore hasn't been in contact for years, so there's no way to change the license.)

1.7.3.20 NCSA(LLVM Team)

University of Illinois/NCSA
Open Source License

Copyright (c) University of Illinois at Urbana-Champaign.
All rights reserved.

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

<http://llvm.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.

* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

1.7.3.21 NCSA

University of Illinois/NCSA Open Source License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.

* Neither the names of <Name of Development Group, Name of Institution> , nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

1.7.3.22 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.7.3.23 Henry Spencer notice

University of Toronto.

Written by Henry Spencer. Not derived from licensed software.

Permission is granted to anyone to use this software for any purpose on any computer system, and to redistribute it freely, subject to the following restrictions:

1. The author is not responsible for the consequences of use of this software, no matter how awful, even if they arise from defects in it.

2. The origin of this software must not be misrepresented, either by explicit claim or by omission.

3. Altered versions must be plainly marked as such, and must not be misrepresented as being the original software.

1.7.3.24 Dual License - MIT or BSL-1.0

This code may be used under either of the following two licences:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. OF SUCH DAMAGE.

Or:

Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)

1.7.3.25 Dual License - MIT and NCSA

This file is dual licensed under the MIT and the University of Illinois Open Source Licenses. See LICENSE.TXT for details.

1.7.3.26 CC0-1.0

Creative Commons Legal Code

CC0 1.0 Universal CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free

culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of

the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.7.3.27 *BSD-3-Clause(D. E. Shaw Research)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of D. E. Shaw Research nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.7.3.28 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or

on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor

shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.7.3.29 *Public Domain Notice:*

This code is in the public domain. Anyone may use it or change it in any way that they see fit. The author assumes no responsibility for damages incurred through use of the original code or any variations thereof.

1.7.3.30 *Public Domain Notice:*

This also contains public domain code from MurmurHash. From the MurmurHash header:
MurmurHash3 was written by Austin Appleby, and is placed in the public domain. The author hereby disclaims copyright to this source code.

1.8 bridge-utils 1.6

1.8.1 Copyrights

Copyright 1991 by the Massachusetts Institute of Technology
Copyright (C) 2000 Lennert Buytenhek
Copyright (C) 19yy name of author Gnomovision
Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.8.2 Licenses

1.8.2.1 *GPL-2.0*

GNU General Public License, version 2
What to do if you see a possible GPL violation
Translations of the GPL
GPL Frequently Asked Questions
The GNU General Public License (GPL) in plain text format
The GNU General Public License (GPL) in Texinfo format
The GNU General Public License (GPL) in LaTeX format
The GNU General Public License (GPL) as an appendix in DocBook format
Table of Contents

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive

source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.8.2.2 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public License is intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users. This General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to using it. (Some
other Free Software Foundation software is covered by the GNU Lesser General Public
License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for this service if you wish), that you receive
source code or can get it if you want it, that you can change the software or use
pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you
these rights or to ask you to surrender the rights. These restrictions translate to
certain responsibilities for you if you distribute copies of the software, or if you
modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee,
you must give the recipients all the rights that you have. You must make sure that
they, too, receive or can get the source code. And you must show them these terms so
they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you
this license which gives you legal permission to copy, distribute and/or modify the
software.

Also, for each author's protection and ours, we want to make certain that everyone
understands that there is no warranty for this free software. If the software is
modified by someone else and passed on, we want its recipients to know that what they
have is not the original, so that any problems introduced by others will not reflect
on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.9 BusyBox 1.31.1

1.9.1 Copyrights

copyright (c) 2018 Gavin D. Howard and contributors.
copyright (c) 2002 Romain Lievin <roms@lpg.ticalc.org>
copyright (c) 2001 by glenn mcgrath

copyright (c) 1995 Ian Jackson <ian@chiark.greenend.org.uk>
copyright (C) 1997 by Vernon Hoxie.
copyright (C) 1996-2006 Julian R Seward. All rights reserved.
copyright (C) 1990-1996 Free Software Foundation, Inc.
Copyright abandoned, Michael Chastain, <mailto:mec@shout.net>
Copyright 2007-2018 by Denys Vlasenko <vda.linux@googlemail.com>
Copyright 2007-2018 by Denys Vlasenko
Copyright 2018 Thomas De Schampheleire <thomas.de_schampheleire@nokia.com>
Copyright 2005-2015 by Bernhard Reutner-Fischer
Copyright 2015 Denys Vlasenko
Copyright 2010-2012 , Denys Vlasenko
Copyright 2005-2010 Rob Landley <rob@landley.net>
Copyright 2010 Nokia Corporation Written by Alexander Shishkin
Copyright 2004-2009 Matt Mackall <mpm@selenic.com>
Copyright 2003-2007 Tito Ragusa <farmatito@tiscali.it>
Copyright 2007 KaiGai Kohei <kaigai@kaigai.gr.jp>
Copyright 2006, Rob Landley <rob@landley.net>
Copyright 2006, Bernhard Reutner-Fischer
Copyright 2006, 2007 Stefan Rompf <sux@loplof.de>
Copyright 2005-2006 by Rob Landley <rob@landley.net>
Copyright 2006 by Natanael Copa <n@tanael.org>
Copyright 2006 by Mike Frysinger <vapier@gentoo.org>
Copyright 2006 by Erik Hovland <erik@hovland.org>
Copyright 2001-2006 Glenn McGrath
Copyright 2006 Bernhard Reutner-Fischer <rep.nop@aon.at>
Copyright 2006-2006 Bernhard Reutner-Fischer
Copyright 2005 by Rob Landley
Copyright 2005 Rob Landley <rob@landley.net>
Copyright 2005 H. Peter Anvin Busybox'ed (2014) by Pascal Bellard <pascal.bellard@ads-lu.com>
Copyright 2005 Frank Sorenson <frank@tuxrocks.com>
Copyright 2004 Tony J. White
Copyright 2003, Glenn McGrath
Copyright 2002 by Kai Germaschewski <kai.germaschewski@gmx.de>
Copyright 2002 Laurence Anderson
Copyright 2002 Andi Kleen, SuSE Labs.
Copyright 1999-2003 Donald Becker and Scyld Computing Corporation.
Copyright 1999 George Staikos
Copyright 1999 Dave Cinege
Copyright 1998 by Albert Cahalan all rights reserved.
Copyright 1997, 2000, 2001 Larry Doolittle <LRDoolittle@lbl.gov>
Copyright 1997 by Peter Hanecak <hanecak@megaloman.sk>. All rights reserved.
Copyright 1996, 1997 Linux International. Contributed by Ralf Baechle <ralf@gnu.ai.mit.edu>
Copyright 1996-1997 Linux International.
Copyright 1994-1996 Donald Becker
Copyright 1994 Matthew Dillon (dillon@apollo.west.oic.com)
Copyright 1993 MicroWalt Corporation
Copyright 1991-1997 Miquel van Smoorenburg.
Copyright 1989 - 1991, Julianne Frances Haugh <jockgrl@austin.rr.com> All rights reserved.
Copyright (c) by a whole pile of folks
Copyright (c) University of Delaware 1992-2009
Copyright (c) PeerSec Networks, 2002-2011 All Rights Reserved
Copyright (c) Michiel Huisjes
Copyright (c) 2007-2017 Denys Vlasenko <vda.linux@googlemail.com>
Copyright (c) 2017 Denys Vlasenko <vda.linux@gmail.com>

Copyright (c) 2013-2015 INSIDE Secure Corporation
 Copyright (c) 2011 Pere Orga <gotrunks@gmail.com>
 Copyright (c) 2010 Denys Vlasenko Split from ash.c
 Copyright (c) 2008 Vladimir Dronnikov
 Copyright (c) 2008 Timo Teras <timo.teras@iki.fi>
 Copyright (c) 2008 Pascal Bellard
 Copyright (c) 2008 Nuovation System Designs, LLC Grant Erickson
 <gerickson@nuovations.com>
 Copyright (c) 2008 Denys Vlasenko
 Copyright (c) 2008 Bernhard Reutner-Fischer (initial depmod code)
 Copyright (c) 2006-2009 Bernhard Reutner-Fischer
 Copyright (c) 2006 Freescale Semiconductor, Inc <stuarth@freescale.com>
 Copyright (c) 2004 Nicholas Miell ported from procps by Pere Orga <gotrunks@gmail.com>
 2011
 Copyright (c) 2004 Alexander Guy <alexander.guy@andern.org>
 Copyright (c) 2001-2004 Erik Andersen <andersen@codepoet.org>
 Copyright (c) 2003, 2004 Henning Brauer <henning@openbsd.org>
 Copyright (c) 2003 Todd C. Miller <Todd.Miller@courtesan.com>
 Copyright (c) 1999-2002 by David I. Bell
 Copyright (c) 2002 Steven J. Hill <shill@broadcom.com>
 Copyright (c) 2002 Manuel Novoa III <mjn3@codepoet.org>
 Copyright (c) 2002 Glenn McGrath
 Copyright (c) 2002 AYR Networks, Inc.
 Copyright (c) 2001-2006, Gerrit Pape All rights reserved.
 Copyright (c) 2001 Stuart Hughes <seh@zee2.com>
 Copyright (c) 2001 David Schleef <ds@schleef.org>
 Copyright (c) 2001 Aaron Lehmann <aaronl@vitelus.com>
 Copyright (c) 2000 Edward Betts <edward@debian.org>
 Copyright (c) 1999, 2000 The ht://Dig Group
 Copyright (c) 1999 Anthony Towns <aj@azure.humbug.org.au>
 Copyright (c) 1997-2005 Herbert Xu <herbert@gondor.apana.org.au>
 Copyright (c) 1997, 1998, 1999, 2000 Frodo Looijaard <frodol@dds.nl>
 Copyright (c) 1994 David Burren All rights reserved.
 Copyright (c) 1980-1993 The Regents of the University of California. All rights reserved.
 Copyright (c) 1992 Roger Binns
 Copyright (c) 1992 Branko Lankester
 Copyright (c) 1988-1989 , 1993, 1994 The Regents of the University of California. All rights reserved.
 Copyright (c) 1989, 1991, 1993, 1994 The Regents of the University of California. All rights reserved.
 Copyright (c) 1988, 1989, 1991, 1994, 1995, 1996, 1997, 1998, 1999, 2000 The Regents of the University of California. All rights reserved.
 Copyright (c) 1987,1997, Prentice Hall All rights reserved.
 Copyright (c) 1987, 1988 Regents of the University of California. All rights reserved.
 Copyright (c) 1986-2003 Vladimir Oleynik <dzo@simtreas.ru>
 Copyright (C) tons of folks.
 Copyright (C) [2003-2003] by [Matteo Croce] <3297627799@wind.it>
 Copyright (C) Vladimir N. Oleynik <dzo@simtreas.ru>
 Copyright (C) Manuel Novoa III <mjn3@codepoet.org> and Vladimir Oleynik
 <dzo@simtreas.ru>
 Copyright (C) KaiGai Kohei <kaigai@ak.jp.nec.com>
 Copyright (C) Arne Bernin <arne@matrix.loopback.org>
 Copyright (C) Andreas Neuper, Sep 1998-1998 .
 Copyright (C) Andre Masella <andre@masella.no-ip.org>
 , 1995-2006 Free Software Foundation, Inc.

Copyright (C) 86, 89, 91, 1995-2002, 2004 Free Software Foundation, Inc.
 Copyright (C) 86, 1991-1997, 1999 Free Software Foundation, Inc.
 Copyright (C) 2018 Sven-Göran Bergh <sgb@systemaxion.se>
 Copyright (C) 2007-2017 by Denys Vlasenko <vda.linux@googlemail.com>
 Copyright (C) 2017 by <assafgordon@gmail.com>
 Copyright (C) 2017 Markus Gothe <nietzsche@lysator.liu.se>
 Copyright (C) 2017 Jo-Philipp Wich <jo@mein.io>
 Copyright (C) 2014-2016 by Bartosz Golaszewski <bartekgola@gmail.com>
 Copyright (C) 2015 by Ari Sundholm <ari@tuxera.com> and Tuxera Inc.
 Copyright (C) 2015 by Ari Sundholm <ari@tuxera.com>
 Copyright (C) 2014 by Fugro Intersite B.V. <m.stam@fugro.nl>
 Copyright (C) 2005-2014 Tito Ragusa <farmatito@tiscali.it>
 Copyright (C) 2014 Isaac Dunham <ibid.ag@gmail.com>
 Copyright (C) 2014 Bartosz Golaszewski <bartekgola@gmail.com>
 Copyright (C) 2013 Rolf Fokkens <rolf@fokkens.nl>
 Copyright (C) 2012 by Sven Oliver 'SvOlli' Moll <svolli@svolli.de>
 Copyright (C) 2012 S-G Bergh <sgb@systemasis.org>
 Copyright (C) 2006-2018 Denys Vlasenko.
 Copyright (C) 2011 Marek Becka <yuen@klacno.sk>
 Copyright (C) 2010 by Matheus Izvekov <mizvekov@gmail.com>
 Copyright (C) 2010 by Grigory Batalov <bga@altlinux.org>
 Copyright (C) 2008-2010 Timo Teras <timo.teras@iki.fi>
 Copyright (C) 2010 Sergey Naumov <sknaumov@gmail.com>
 Copyright (C) 2010 Nokia Corporation. All rights reserved. Written by Alexander Shishkin.
 Copyright (C) 2010 Nokia Corporation. All rights reserved. Written by Alexander Shishkin
 <virtuoso@slind.org>
 Copyright (C) 2010 Marek Polacek <mmpolacek@gmail.com>
 Copyright (C) 2009-2010 Malek Degachi <malek-degachi@laposte.net>
 Copyright (C) 2010 Lauri Kananen
 Copyright (C) 2010 Kevin Cernekee <cernekee@gmail.com>
 Copyright (C) 2010 Bradley M. Kuhn <bkuhn@ebb.org>
 Copyright (C) 2009 by Dan Fandrich <dan@cone harvesters.com>
 Copyright (C) 2009 Vladimir Dronnikov <dronnikov@gmail.com>
 Copyright (C) 2009 Maksym Kryzhanovskyy <xmaks@email.cz>
 Copyright (C) 2005-2009 Bernhard Reutner-Fischer
 Copyright (C) 2007-2019 Denys Vlasenko <vda.linux@googlemail.com>
 Copyright (C) 2008, BusyBox Team. -solar 4/26/08
 Copyright (C) 2008 by Vladimir Dronnikov <dronnikov@gmail.com>
 Copyright (C) 2003-2008 by Tito Ragusa <farmatito@tiscali.it>
 Copyright (C) 2008 by Timo Teras <timo.teras@iki.fi>
 Copyright (C) 2008 by Patricia Muscalu <patricia.muscalu@axis.com>
 Copyright (C) 2008 by Denys Vlasenko <vda.linux@gmail.com>
 Copyright (C) 2008 by Bernhard Reutner-Fischer
 Copyright (C) 2008 by <u173034@informatik.uni-oldenburg.de>
 Copyright (C) 2008 Nokia Corporation. All rights reserved.
 Copyright (C) 2007-2008 Natanael Copa <natanael.copa@gmail.com>
 Copyright (C) 2008 Michele Sanges <michele.sanges@gmail.com>
 Copyright (C) 1997-2008 Markus Franz Xaver Johannes Oberhumer
 Copyright (C) 2008 Darius Augulis <augulis.darius@gmail.com>
 Copyright (C) 2007 by Stephane Billiard <stephane.billiard@gmail.com>
 Copyright (C) 2007 by KaiGai Kohei <kaigai@kaigai.gr.jp>
 Copyright (C) 2007 Loic Grenie <loic.grenie@gmail.com>
 Copyright (C) 2006-2017 wolfSSL Inc.
 Copyright (C) 2006 by Yoshinori Sato <ysato@users.sourceforge.jp>
 Copyright (C) 2006 by Robert Sullivan <cogito.ergo.cogito@hotmail.com>

Copyright (C) 2006 by Rob Sullivan, with ideas from code by Walter Harms
 Copyright (C) 2005-2006 by Rob Sullivan <cogito.ergo.cogito@gmail.com>
 Copyright (C) 2006 by Jason Schoon <floydpink@gmail.com>
 Copyright (C) 2006 by Jan Kiszka <jan.kiszka@web.de>
 Copyright (C) 2006 Rob Landley
 Copyright (C) 2006 Michael Opdenacker <michael@free-electrons.com>
 Copyright (C) 2006 Jesse Dutton <jessedutton@gmail.com>
 Copyright (C) 2006 Gabriel Somlo <somlo at cmu.edu>
 Copyright (C) 2006 Bernhard Reutner-Fischer <busybox@busybox.net>
 Copyright (C) 2006 Aurelien Jacobs <aurel@gnuage.org>
 Copyright (C) 2006 - 2007 KaiGai Kohei <kaigai@kaigai.gr.jp>
 Copyright (C) 2005-6, Roberto A. Foglietta <me@roberto.foglietta.name>
 Copyright (C) 2004-2006 by Rob Landley <rob@landley.net>
 Copyright (C) 2005-2008 Rob Landley <rob@landley.net>
 Copyright (C) 2005 by Tito Ragusa <tito-wolit@tiscali.it>
 Copyright (C) 2005 by Robert Sullivan <cogito.ergo.cogito@gmail.com>
 Copyright (C) 2005 by Mike Frysinger <vapier@gentoo.org>
 Copyright (C) 2005 by Marc Leeman <marc.leeman@barco.com>
 Copyright (C) 2005 W. Michael Petullo <mike@flyn.org>
 Copyright (C) 2005 Vladimir Oleynik
 Copyright (C) 2005 Tobias Klauser <tklauser@access.unizh.ch>
 Copyright (C) 2005 Roberto A. Foglietta (me@roberto.foglietta.name)
 Copyright (C) 2005 Odd Arild Olsen (oao at fibula dot no)
 Copyright (C) 2001-2005 Manuel Novoa III <mjn3@codepoet.org>
 Copyright (C) 2004-2005 Kay Sievers <kay.sievers@vrfy.org>
 Copyright (C) 1989-2007 Free Software Foundation, Inc.
 Copyright (C) 2004,2005 Enrik Berkhan <Enrik.Berkhan@inka.de>
 Copyright (C) 2004, Glenn McGrath
 Copyright (C) 2004 by Ed Clark
 Copyright (C) 2004 by David Brownell
 Copyright (C) 2004 Peter Willis <psyphreak@phreaker.net>
 Copyright (C) 2004 Erik Andersen <andersen@codepoet.org>
 Copyright (C) 2003-2006 Vladimir Oleynik <dzo@simtreas.ru>
 Copyright (C) 1999-2005 by Erik Andersen <andersen@codepoet.org>
 Copyright (C) 2003-2004 Erik Andersen
 Copyright (C) 2003,2004 by Rob Landley <rob@landley.net>
 Copyright (C) 2003 by Rob Landley <rob@landley.net>, Joey Hess
 Copyright (C) 2003 by Glenn McGrath SELinux support: by Yuichi Nakamura
 <ynakam@hitachisoft.jp>
 Copyright (C) 2000-2003 by Glenn McGrath
 Copyright (C) 2003 by Arthur van Hoff (avh@strangeberry.com)
 Copyright (C) 2003 Yang Xiaopeng <yxp at hanwang.com.cn>
 Copyright (C) 2003 Russ Dill <Russ.Dill@asu.edu>
 Copyright (C) 2003 Paul Sheer
 Copyright (C) 2003 Paul Mundt <lethal@linux-sh.org>
 Copyright (C) 2002-2003 Glenn McGrath
 Copyright (C) 2003 Glenn L. McGrath
 Copyright (C) 2003 Bernardo Innocenti <bernie@develer.com>
 Copyright (C) 2003 Bastian Blank <waldi@tuxbox.org>
 Copyright (C) 2002-2009 Craig Small
 Copyright (C) 2002-2005 Sam Ravnborg <sam@ravnborg.org>
 Copyright (C) 2002-2005 Roman Zippel <zippel@linux-m68k.org>
 Copyright (C) 2002-2003 Romain Lievin <roms@tilp.info>
 Copyright (C) 2002,2003 Glenn Engel <glenne@engel.org>
 Copyright (C) 2002 by Vladimir Oleynik <dzo@simtreas.ru>

Copyright (C) 2002 by Dmitry Zakharov <dmit@crp.bank.gov.ua>
Copyright (C) 2002 by Bart Visscher <magick@linux-fan.com>
Copyright (C) 2002 Robert Griebel <griebel@gmx.de>
Copyright (C) 2002 Randy Dunlap <rddunlap at osdl.org>
Copyright (C) 2000-2002 Matt Kraai.
Copyright (C) 2002 Mario Strasser <mast@gmx.net>
Copyright (C) 2002 Khalid Aziz <khalid_aziz at hp.com>
Copyright (C) 2002 Jeff Angielski, The PTR Group <jeff@theptrgroup.com>
Copyright (C) 2002 Hewlett-Packard Company
Copyright (C) 2000-2002 Edward Betts <edward@debian.org>
Copyright (C) 2002 Al Stone <ahs3 at fc.hp.com>
Copyright (C) 2001-2002 by Laurence Anderson
Copyright (C) 2001,2002 Vladimir Oleynik <dzo@simtreas.ru> (initial bb port)
Copyright (C) 2001, 2002, 2003, 2004, 2005 Free Software Foundation.
Copyright (C) 2001 by Michael Habermann <mhabermann@gmx.de>
Copyright (C) 2000-2001 by Gennady Feldman <gfeldman@gena01.com>
Copyright (C) 2001 by Emanuele Aina <emanuele.aina@tiscali.it>
Copyright (C) 2001 Matt Krai
Copyright (C) 2001 Manuel Novoa III
Copyright (C) 2001 Magnus Damm <damm@opensource.se>
Copyright (C) 2001 Larry Doolittle, <ldoolitt@recycle.lbl.gov>
Copyright (C) 2001 Hewlett-Packard Laboratories
Copyright (C) 2000-2001 Jeff Tranter (tranter@pobox.com)
Copyright (C) 2000-2001 by Matt Kraai <kraai@alumni.carnegiemellon.edu>
Copyright (C) 2000-2001 Matt Kraai <kraai@alumni.carnegiemellon.edu>
Copyright (C) 2000,2001 Larry Doolittle <larry@doolittle.boa.org>
Copyright (C) 2000, Jan-Derk Bakker (J.D.Bakker@its.tudelft.nl)
Copyright (C) 2000, 2001 Sterling Huxley <sterling@europa.com>
Copyright (C) 2000 by spoon <spoon@ix.netcom.com> Written by spoon
<spon@ix.netcom.com>
Copyright (C) 1999-2000 by Randolph Chung <tausq@debian.org>
Copyright (C) 2000 by Karl M. Hegbloom <karlheg@debian.org>
Copyright (C) 2000 by Daniel Jacobowitz Written by Daniel Jacobowitz <dan@debian.org>
Copyright (C) 2000 and written by Emanuele Caratti <wiz@iol.it> Adjusted a bit by Erik
Andersen <andersen@codepoet.org> Unified with fdflush by Tito Ragusa <farmatito@tiscali.it>
Copyright (C) 2000 Lennert Buytenhek
Copyright (C) 2000 Jean-Pierre Lefebvre <helix@step.polymtl.ca> and Remi Lefebvre
<remi@debian.org>
Copyright (C) 2000 Arcom Control System Ltd
Copyright (C) 1999-2005 Igor Pavlov
Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> written by Erik Andersen
<andersen@codepoet.org>
Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> based on original code
by (I think) Bruce Perens <bruce@pixar.com>.
Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> and Ron Alder
<alder@lineo.com>
Copyright (C) 1999-2004 by Erik Andersen <andersen@codepoet.org> Written by Erik
Andersen and Kent Robotti <robotti@metconnect.com>
Copyright (C) 1999,2000,2001 by Mark Whitley <markw@codepoet.org>
Copyright (C) 1999,2000,2001 by Lineo, inc. and Mark Whitley
Copyright (C) 1999,2000,2001 by Lineo, inc. and John Beppu
Copyright (C) 1999,2000,2001 by Lineo, inc.
Copyright (C) 1999,2000,2001 by John Beppu <beppu@codepoet.org>
Copyright (C) 1999-2000 by Lineo, inc. and John Beppu
Copyright (C) 1999 Uwe Ohse <uwe@ohse.de>

Copyright (C) 1999 Matthew Ramsay <matthewr@moreton.com.au> Chris Trew
<ctrew@moreton.com.au>
 Copyright (C) 1999 Hewlett-Packard Co
 Copyright (C) 1999 David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1997-2002 Richard Gooch
 Copyright (C) 1998, 1999 Charles P. Wright
 Copyright (C) 1998 Enrique Zanardi <ezanardi@ull.es>
 Copyright (C) 1998 Dave Cinege
 Copyright (C) 1996..2008 Markus Franz Xaver Johannes Oberhumer All Rights Reserved.
 Copyright (C) 1996..2003 Markus Franz Xaver Johannes Oberhumer All Rights Reserved.
 Copyright (C) 1996-2006 Julian Seward <jseward@bzip.org>
 Copyright (C) 1996-1999 Guy Maor <maor@debian.org>
 Copyright (C) 1996, 1997, 1998, 1999 Free Software Foundation, Inc.
 Copyright (C) 1996 Markus Franz Xaver Johannes Oberhumer All Rights Reserved.
 Copyright (C) 1996 Jeff Noxon <jeff@router.patch.net>
 Copyright (C) 1996 Brian Candler <B.Candler@pobox.com>
 Copyright (C) 1995, 1996, 1997, 1998, 2000 Free Software Foundation, Inc.
 Copyright (C) 1995, 1996 by Bruce Perens <bruce@pixar.com>
 Copyright (C) 1995 Bruce Perens
 Copyright (C) 1994-2000 by Tomi Ollila
 Copyright (C) 1994-1998 Andries E. Brouwer <aeb@cw.nl>
 Copyright (C) 1994-1996 Charles L. Blake.
 Copyright (C) 1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)
 Copyright (C) 1993-2002 Werner Almesberger
 Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005
 by Theodore Ts'o.
 Copyright (C) 1993, 1994 Theodore Ts'o.
 Copyright (C) 1993, 1994 Remy Card <card@masi.ibp.fr>
 Copyright (C) 1993 Rick Sladkey <jrs@world.std.com>
 Copyright (C) 1992-1998 Michael K. Johnson
 Copyright (C) 1992-1993 Jean-loup Gailly.
 Copyright (C) 1992, 1996 Free Software Foundation, Inc. Written by David MacKenzie
 <djm@gnu.ai.mit.edu>.
 Copyright (C) 1992, 1993, 1994, 1995 Remy Card (card@masi.ibp.fr)
 Copyright (C) 1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)
 Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.
 Copyright (C) 1991,92,95,96,97,98,99,2001 Free Software Foundation, Inc.
 Copyright (C) 1991,92,95,96,97,98,99,2000,01 Free Software Foundation, Inc.
 Copyright (C) 1991, 1992 Linus Torvalds
 Copyright (C) 1990, 91, 92, 93, 96 Free Software Foundation, Inc.
 Copyright (C) 1987, 1989, 1991 Free Software Foundation, Inc.
 Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002, 2003, 2004 Free Software Foundation, Inc.
 Copyright (C) (C) 2003 Vladimir Oleynik <dzo@simtreas.ru>
 (c) 2018 Gavin D. Howard
 (c) 2008 Timo Teras <timo.teras@iki.fi>
 (c) 2007 by Yuichi Nakamura <ynakam@hitachisoft.jp>
 (c) 2004 to support dynamic variables.
 (c) 2002 Robert Griebel
 (c) 2002 Glenn McGrath
 (c) 1997 by Andi Kleen
 (c) 1995-1999 Geert Uytterhoeven (Geert.Uytterhoeven@cs.kuleuven.ac.be)
 (c) 1995 Erik Andersen <andersen@codepoet.org> (Majorly adjusted for busybox)
 (C) Vladimir Oleynik <dzo@simtreas.ru>
 (C) Mar 16, 2003 Manuel Novoa III (mjn3@codepoet.org)
 (C) Lauri Kananen

(C) Eero Tamminen <oak at welho dot com>
(C) Copyright 2000, Axis Communications AB, LUND, SWEDEN
(C) 2009 Stefan Seyfried <seife@sphairon.com>
(C) 2009 <vonsch@gmail.com>
(C) 2008 for SUSv3.
(C) 2007 by Tito Ragusa <farmatito@tiscali.it>
(C) 2007 Gabriel Somlo <somlo at cmu.edu>
(C) 2006 Jac Goudsmit
(C) 2004 Yuichi Nakamura <ynakam@hitachisoft.jp>
(C) 2002-2003 Vladimir Oleynik <dzo@simtreas.ru>
(C) 2002,2003 by Vladimir Oleynik <dzo@simtreas.ru>
(C) 2001-2005 <dzo@simtreas.ru>
(C) 1991-1992 Linus Torvalds.
Copyright (C) 2001, Hewlett-Packard Company

1.9.2 Acknowledgements

To the extent files may be licensed under MIT or X11. MIT has been chosen.
This shall not restrict the freedom of other users to choose either MIT or X11 license.

To the extent files may be licensed under BSD-3-Clause or GPL-2.0, in this context BSD-3-Clause has been chosen.
This shall not restrict the freedom of other users to choose either BSD-3-Clause or GPL-2.0 license.

Derived from the RSA Data
Security, Inc. MD5 Message-Digest Algorithm

This product includes software developed by the University of California,
Lawrence Berkeley Laboratory and its contributors.

This product includes software developed by the University of California, Berkeley and its contributors.

1.9.3 Licenses

1.9.3.1 *GPL-2.0*

GNU General Public License, version 2
What to do if you see a possible GPL violation
Translations of the GPL
GPL Frequently Asked Questions
The GNU General Public License (GPL) in plain text format
The GNU General Public License (GPL) in Texinfo format
The GNU General Public License (GPL) in LaTeX format
The GNU General Public License (GPL) as an appendix in DocBook format
Table of Contents

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact

all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

```
signature of Ty Coon, 1 April 1989
```

```
Ty Coon, President of Vice
```

```
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.
```

1.9.3.2 *BSD-4-Clause-UC-Advertising-Clause-Omitted*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. BSD Advertising Clause omitted per the July 22, 1999 licensing change <ftp://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License.Change>

4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ''AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.9.3.3 *Permission Notice - University of Delaware [NTP]*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission

notice appear in supporting documentation, and that the name University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.9.3.4 *bzip2-1.0.4*

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2006 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version # 1.0.4 of 20 December 2006

1.9.3.5 *GPL-2.0+ with-bison-exception*

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the

same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not

specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

As a special exception, when this file is copied by Bison into a Bison output file, you may use that output file without restriction. This special exception was added by the Free Software Foundation in version 1.24 of Bison.

1.9.3.6 Dual License :MIT/X11

This file is distributed under the terms and conditions of the MIT/X public licenses. See <http://opensource.org/licenses/mit-license.html> and notice <http://www.gnu.org/licenses/license-list.html#X11License>

1.9.3.7 Permission Notice:

Permission to use, copy, modify, and distribute this software for any purpose and without fee is hereby granted. The author disclaims all warranties with regard to this software.

1.9.3.8 Permission Notice:

Permission is granted to use, distribute, or modify this source, provided that this copyright notice remains intact.

1.9.3.9 Permission Notice:

Original copyright notice states:
This program is in the Public Domain.

1.9.3.10 Dual license - BSD-3-Clause or GPL-2.0

may safely be consumed by a BSD or GPL license.

1.9.3.11 Public Domain Notice:

public domain.

1.9.3.12 *RSA-MD5 license*

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

1.9.3.13 *Beerware*

THE BEER-WARE LICENSE" (Revision 42):

<phk@login.dknet.dk> wrote this file. As long as you retain this notice you can do whatever you want with this stuff. If we meet some day, and you think this stuff is worth it, you can buy me a beer in return.

1.9.3.14 *Unlicense*

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and

successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

1.9.3.15 *CC0-1.0*

Creative Commons Legal Code

CC0 1.0 Universal CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s)

(each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non

sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.9.3.16 ISC

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.9.3.17 BSD-4-Clause-UC

Redistribution and use in source and binary forms, with or without modification, are permitted provided that:

source code distributions
retain the above copyright notice and this paragraph in its entirety,
distributions including binary code include the above copyright notice and this paragraph in its entirety in the documentation or other materials provided with the distribution, and
all advertising materials mentioning
features or use of this software display the following acknowledgement:
``This product includes software developed by the University of California, Lawrence Berkeley Laboratory and its contributors.''
Neither the name of
the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.9.3.18 *BSD-4-Clause-UC*

BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.9.3.19 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.9.3.20 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ''AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.9.3.21 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Julianne F. Haugh nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY JULIE HAUGH AND CONTRIBUTORS ''AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JULIE HAUGH OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.9.3.22 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the author nor the names of other contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ''AS IS'' AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.9.3.23 LGPL-2.1

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on,

the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the

Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a

copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

< one line to give the library's name and an idea of what it does. >

Copyright (C) < year > < name of author >

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in

the library `Frob' (a library for tweaking knobs) written

by James Random Hacker.

< signature of Ty Coon > , 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.9.3.24 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.9.3.25 LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can

relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it

may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms

permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the

Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.9.3.26 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work

based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source

code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.10 bzip2 1.0.8

1.10.1 Copyrights

Copyright: Copyright (c) 1997, 2009 American Mathematical Society
Copyright (URW)++, Copyright 1999 by (URW)++ Design & Development
Copyright (C) 1996-2019 Julian Seward <jseward@acm.org>

1.10.2 Licenses

1.10.2.1 bzip2

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2019 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.11 ca-certificates 20211016

1.11.1 Copyrights

Copyright (C) 2003 Ilgiz Kalmeteв translator@ilgiz.pp.ru
Copyright (C) 2007 Mikhail Gusarov dottedmag@dottedmag.net
Yuri Kozlov yuray@komyakino.ru, 2011
Claus Hindsgaul claus.hindsgaul@gmail.com, 2004, 2006
Joe Hansen joedalton2@yahoo.dk, 2010, 2011
Andr   Lu  s Lopes andrelop@debian.org, 2006
Adriano Rafael Gomes adrianorg@gmail.com, 2011
Piarres Beobide pi@beobide.net, 2007
Michal Kulach michal.kulach@gmail.com, 2012
Frans Pop aragorn@tiscali.nl, 2004, 2006
Frans Pop elendil@planet.nl, 2007
Jeroen Schot schot@a-eskwadraat.nl, 2011
Josep Mon  s i Teixidor <jmones@puntbarra.com>, 2004
Jordi Mallach <jordi@debian.org>, 2010, 2011
C  sar G  mez Mart  n cesar.gomez@gmail.com
Javier Fern  ndez-Sanguino jfs@debian.org, 2006-2011
Erik Schanze eriks@debian.org, 2004-2006
Helge Kreutzmann debian@helgefjell.de, 2007, 2011
Christian Perrier bubulle@debian.org, 2006, 2007, 2011
Carlos Lisboa carloslisboa@gmail.com, 2007
Miguel Figueiredo elmig@debianpt.org, 2007-2011
Izharul Haq atoz.chevara@yahoo.com, 2016
copyright 1997 to 1999 by Joey Hess.
Copyright: 2003 Fumitoshi UKAI <ukai@debian.or.jp> 2009 Philipp Kern <pkern@debian.org>
2011 Michael Shuler <michael@pbandjelly.org> Various Debian Contributors License: GPL-2+
This program is free software; you can redistribute it and/or modify it under the terms
Copyright: 1994-2000 Netscape Communications Corporation certdata.txt <= CVS Revision:
1.82)
Copyright    2007 Free Software Foundation, Inc. Clytie Siddall <clytie@riverland.net.au>,
2005-2007.
Copyright (c) 2009 Philipp Kern <pkern@debian.org>
Copyright (c) 2005,O=WISeKey,C=CH Serial
Number:41:3d:72:c7:f4:6b:1f:81:43:7d:f1:d2:28:54:df:9a
Copyright (c) 2005,O=WISeKey,C=CH Not Valid Before: Sun Dec 11 16:03:44 2005 Not Valid
After : Fri Dec 11 16:09:51 2037 Fingerprint (MD5):
BC:6C:51:33:A7:E9:D3:66:63:54:15:72:1B:21:92:93 Fingerprint (SHA1):

59:22:A1:E1:5A:EA:16:35:21:F8:98:39:6A:46:46:B0:44:1B:0F:A9 CKA_CLASS
CK_OBJECT_CLASS

Copyright (c) 2004, 2010, 2011 Software in the Public Interest, Inc.

Copyright (c) 2003 Fumitoshi UKAI <ukai@debian.or.jp>

Copyright (C) 2011 ca-certificates & nedenstående oversættere

Copyright (C) 2011 THE ca-certificates'S COPYRIGHT HOLDER This file is distributed under the same license as the ca-certificates package. Automatically generated, 2011. Slavko <linux@slavino.sk>, 2011.

Copyright (C) 2009 Philipp Kern <pkern@debian.org>

Copyright (C) 2007 Mikhail Gusarov <dottedmag@dottedmag.net> Yuri Kozlov <yuray@komyakino.ru>

Copyright (C) 2007 Carlos Lisboa <carloslisboa@gmail.com>

Copyright (C) 2006, 2007 Debian French l10n team <debian-l10n-french@lists.debian.org>

Copyright (C) 2005-2007 Software in the Public Interest

Copyright (C) 2003 Ilgiz Kalmetev <translator@ilgiz.pp.ru>

(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US Serial

Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US Not Valid Before: Wed May 27 11:11:16 2015 Not Valid After : Sun Dec 27 11:41:16 2037 Fingerprint (SHA-256):

DB:35:17:D1:F6:73:2A:2D:5A:B9:7C:53:3E:C7:07:79:EE:32:70:A6:2F:B4:AC:42:38:37

(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9

(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US Not Valid Before: Tue Dec 18 15:25:36 2012 Not Valid After : Fri Dec 18 15:55:36 2037 Fingerprint (SHA-256):

02:ED:0E:B2:8C:14:DA:45:16:5C:56:67:91:70:0D:64:51:D7:FB:56:F0:B2:AB:1D:3B:8E

(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US Serial Number: 1246989352 (0x4a538c28)

(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US Not Valid Before: Tue Jul 07 17:25:54 2009 Not Valid After : Sat Dec 07 17:55:54 2030 Fingerprint (SHA-256):

43:DF:57:74:B0:3E:7F:EF:5F:E4:0D:93:1A:7B:ED:F1:BB:2E:6B:42:73:8C:4E:6D:38:41

(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US Serial Number: 1164660820 (0x456b5054)

(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US Not Valid Before: Mon Nov 27 20:23:42 2006 Not Valid After : Fri Nov 27 20:53:42 2026 Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4 Fingerprint (SHA1): B3:1E:B1:B7:40:E3:6C

(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US Serial Number:61:70:cb:49:8c:5f:98:45:29:e7:b0:a6:d9:50:5b:7a

(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4

(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US Not Valid Before: Fri Oct 01 00:00:00 1999 Not Valid After : Wed Jul 16 23:59:59 2036 Fingerprint (MD5): F8:BE:C4:63:22:C9:A8:46:74:8B:B8:1D:1E:4A:2B:F6 Fingerprint (SHA1): 61:EF:43:D7:7F:CA:

(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US Not Valid Before: Fri Oct 01 00:00:00 1999 Not Valid After : Wed Jul 16 23:59:59 2036 Fingerprint (MD5): B1:47:BC:18:57:D1:18:A0:78:2D:EC:71:E8:2A:95:73 Fingerprint (SHA1): 20:42:85:DC:F7:EB:

(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net Serial Number: 946069240 (0x3863def8)

(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net Not Valid Before: Fri Dec 24 17:50:51 1999 Not Valid After : Tue Jul 24 14:15:12 2029 Fingerprint (MD5): EE:29:31:BC:32:7E:9A:E6:E8:B5:F7:51:B4:34:71:90 Fingerprint (SHA1): 50:30:06:09:1D:97

1.11.2 Licenses

1.11.2.1 **GPL-2.0+**

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous

contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.11.2.2 MPL-2.0

Mozilla Public License Version 2.0

1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove

defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

1.12 ca-certificates java-debian-20180516

1.12.1 Copyrights

Copyright (C) 2012 Damien Raude-Morvan <drazzib@debian.org>

Copyright (C) 2011 Torsten Werner <twerner@debian.org>

Copyright (C) 2008 Canonical Ltd

(C) 2008, Canonical Ltd and (C) 2011, Torsten Werner twerner@debian.org>

1.12.2 Licenses

1.12.2.1 **GPL-2.0+**

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they

have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free

redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.13 ctemplate 2.4

1.13.1 Copyrights

Copyright 2011 Google Inc. All Rights Reserved. Author: csilvers@google.com (Craig Silverstein)

Copyright 1998-2008 Google Inc.

Copyright 2001 Google Inc. All rights reserved.

Copyright (c) 2012, Olaf van der Spek <olafvdspek@gmail.com> All rights reserved.

Copyright (c) 2000-2011 , Google Inc. All rights reserved.

1.13.2 Licenses

1.13.2.1 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.13.2.2 *Public-domain*

Public Domain

1.14 dhcpcd 8.1.6

1.14.1 Copyrights

Copyright 2005 Colin Percival All rights reserved.

Copyright 1996 David Mazieres <dm@lcs.mit.edu>

Copyright (c) 2006-2019 Roy Marples <roy@marples.name> All rights reserved

Copyright (c) 1999-2016 The NetBSD Foundation, Inc. All rights reserved.

Copyright (c) 2015 Joerg Sonnenberger <joerg@NetBSD.org> All rights reserved.

Copyright (c) 2008, Damien Miller <djm@openbsd.org>

Copyright (c) 2006-2019 Roy Marples All rights reserved

Copyright (c) 2006-2019 Roy Marples <roy@marples.name>

Copyright (c) 2006-2019 Roy Marples

Copyright (c) 2005 The DragonFly Project. All rights reserved.

Copyright (c) 2003 Citrus Project, All rights reserved.

Copyright (c) 1998, 2015 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 1990-1993 The Regents of the University of California. All rights reserved

1.14.2 Licenses

1.14.2.1 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.14.2.2 *Public-domain*

public domain.

1.14.2.3 *ISC*

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.14.2.4 *BSD-2-Clause-NetBSD*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.14.2.5 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.15 dropbear 2020.80

1.15.1 Copyrights

copyright Robert de Bath, Joris van Rantwijk, Delian Delchev, Andreas Schultz, Jeroen Massar, Wez Furlong, Nicolas Barry, Justin Bradford, and CORE SDI S.A.

copyright 2003 Matt Johnston

copyright 1997-2003 Simon Tatham.

copyright (c) 2004 Mihnea Stoenescu All rights reserved.

copyright (c) 1998 Todd C. Miller

copyright (c) 1996 Theo de Raadt

copyright (c) 1996 Jason Downs

copyright (C) 2016 Thomas R. Nicely <<http://www.trnicely.net>>.

Copyright 2012, Samuel Neves <sneves@dei.uc.pt>.

Copyright (c) Matt Johnston All rights reserved.

Copyright (c) 2020 by Vladislav Grishenko All rights reserved.

Copyright (c) 2008 Frederic Moulins All rights reserved.

Copyright (c) 2005 Anil Madhavapeddy. All rights reserved.

Copyright (c) 2004 by Mihnea Stoenescu All rights reserved.

Copyright (c) 2004 Martin Carlsson

Copyright (c) 2002-2003 Nils Nordman. All rights reserved.

Copyright (c) 2002-2020 Matt Johnston

Copyright (c) 2002-2006 Matt Johnston All rights reserved.

Copyright (c) 2002,2003 Matt Johnston

Copyright (c) 2000 Markus Friedl. All rights reserved.

Copyright (c) 2000 Andre Lucas. All rights reserved.

Copyright (c) 1999 Theo de Raadt. All rights reserved.

Copyright (c) 1999 Aaron Campbell. All rights reserved.

Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com> All rights reserved.

Copyright (c) 1995,1999 Theo de Raadt. All rights reserved. All rights reserved.

Copyright (c) 1995-1995 Tatu Ylonen <ylo@cs.hut.fi>, Espoo, Finland All rights reserved

Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1990, 1992, 1993, 1995 The Regents of the University of California. All rights reserved.

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Copyright (C) 2000-2003 Damien Miller. All rights reserved.

Copyright (C) 1999 WIDE Project. All rights reserved.

(c) Todd C. Miller

(c) 2004 Mihnea Stoenescu

(c) 2004 Matt Johnston All rights reserved.

1.15.2 Acknowledgements

To the extent files may be licensed under CC0-1.0 or OpenSSL or Apache-2.0.

In this context Apache-2.0 has been chosen.

This shall not restrict the freedom of other users to choose either CC0-1.0 or OpenSSL or Apache-2.0 license.

"This product includes software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

To the extent files may be licensed under public domain or WTFPL 2.0.

In this context WTFPL 2.0 has been chosen.

This shall not restrict the freedom of other users to choose either public domain or WTFPL 2.0 license.

RSA, RC2 and RC4 are registered trademarks of RSA Security Inc. RC5 is a trademark of RSA Security Inc

1.15.3 Licenses

1.15.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.15.3.2 WTFPL

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified copies of this license document, and changing it is allowed as long as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO.

1.15.3.3 *Unlicense*

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and

successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

1.15.3.4 *Triple License Notice(CC0, OpenSSL or Apache-2.0)*

Copyright 2012, Samuel Neves <sneves@dei.uc.pt>.

You may use this under the terms of the CC0, the OpenSSL Licence, or the Apache Public License 2.0, at your option.

The terms of these licenses can be found at:

- CC0 1.0 Universal : <http://creativecommons.org/publicdomain/zero/1.0>
- OpenSSL license : <https://www.openssl.org/source/license.html>
- Apache 2.0 : <http://www.apache.org/licenses/LICENSE-2.0>

1.15.3.5 *Public-domain*

Derived from the Public Domain source code

1.15.3.6 *OpenSSL*

LICENSE ISSUES
=====

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License

=====
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This product includes cryptographic software written by Eric Young (ey@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Original SSLeay License

Copyright (C) 1995-1998 Eric Young (ey@cryptsoft.com)
All rights reserved.

This package is an SSL implementation written

by Eric Young (eay@cryptsoft.com).
The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are aheared to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed.
If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used.
This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"
The word 'cryptographic' can be left out if the rouines from the library being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:
"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence
[including the GNU Public Licence.]

1.15.3.7 Notice

As far as I am concerned, the code I have written for this software can be used freely for any purpose. Any derived versions of this software must be clearly marked as such, and if the derived work is incompatible with the protocol description in the RFC file, it must be called by a name other than "ssh" or "Secure Shell".

1.15.3.8 Dual License public domain or WTFPL 2.0

LibTomMath is licensed under DUAL licensing terms.

Choose and use the license of your needs.

[LICENSE #1]

LibTomMath is public domain. As should all quality software be.

Tom St Denis

[/LICENSE #1]

[LICENSE #2]

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE
Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified
copies of this license document, and changing it is allowed as long
as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO.

[/LICENSE #2]

1.15.3.9 CC0-1.0

Creative Commons Legal Code

CC0 1.0 Universal CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE
LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT
RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE
COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR
WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE
OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive
Copyright and Related Rights (defined below) upon the creator and subsequent owner(s)
(each and all, an "owner") of an original work of authorship and/or a database (each,
a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose
of contributing to a commons of creative, cultural and scientific works ("Commons")
that the public can reliably and without fear of later claims of infringement build
upon, modify, incorporate in other works, reuse and redistribute as freely as possible
in any form whatsoever and for any purposes, including without limitation commercial
purposes. These owners may contribute to the Commons to promote the ideal of a free
culture and the further production of creative, cultural and scientific works, or to
gain reputation or greater distribution for their Work in part through the use and
efforts of others.

For these and/or other purposes and motivations, and without any expectation of
additional consideration or compensation, the person associating CC0 with a Work (the
"Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights
in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the
Work under its terms, with knowledge of his or her Copyright and Related Rights in the
Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by
copyright and related or neighboring rights ("Copyright and Related Rights").
Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

- a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.
- b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or

absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.15.3.10 *BSD-3-Clause_Author_variant*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.15.3.11 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE PROJECT AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE PROJECT OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.15.3.12 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.15.3.13 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.15.3.14 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative

Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-

INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.15.3.15 Public Domain Notice:

Written and placed in the public domain by Wei Dai

1.15.3.16 Public Domain Notice:

The implementation is based on:

chacha-ref.c version 20080118

Public domain from D. J. Bernstein

1.15.3.17 Public Domain Notice:

The implementation is based on:

Public Domain poly1305 from Andrew Moon <https://github.com/floodyberry/poly1305-donna>

1.15.3.18 Public Domain Notice:

Released into the public domain by the author

1.15.3.19 Public Domain Notice:

Khazad implementation derived from public domain source

1.15.3.20 Public Domain Notice:

Anubis implementation derived from public domain source

1.15.3.21 Public Domain Notice:

Public domain

1.16 e2fsprogs 1.45.7

1.16.1 Copyrights

copyright (C) 2007 Cluster File Systems, Inc
Copyright © 2014-2016 Theodore Tso
Copyright © 1996-2014 Free Software Foundation, Inc.
Copyright © 2004 Scott James Remnant <scott@netsplit.com>.
Copyright © 2003, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2014, 2016, 2017, 2018, 2019 Theodore Tso
Copyright Theodore Ts'o, 1996-1999.
Copyright Oracle, 2014 Author Darrick J. Wong <darrick.wong@oracle.com>
Copyright IBM Corporation, 2007 Author Jose R. Santos <jrs@us.ibm.com>
Copyright IBM Corporation, 2007 Author Aneesh Kumar K.V <aneesh.kumar@linux.vnet.ibm.com>
Copyright 2018 Oracle.
Copyright 2017 The Android Open Source Project
Copyright 2015, Google, Inc.
Copyright 2014, Oracle, Inc.
Copyright 2014 by Oracle, Inc.
Copyright 2014 Google Inc. All Rights Reserved.
Copyright 1992-2020 Free Software Foundation, Inc.
Copyright 1997-2008 by Theodore Ts'o. All Rights Reserved.
Copyright 2007, 2008, 2009.
Copyright 1996-2004 by Theodore Ts'o.
Copyright 2000-2001 Andreas Dilger (adilger@turbolinux.com)
Copyright 2000, International Business Machines Corporation and others. All Rights Reserved.
Copyright 2000 Red Hat corp All Rights Reserved
Copyright 1999-2000 Red Hat Software All Rights Reserved
Copyright 1999 by David Beattie
Copyright 1999 Andreas Dilger (adilger@enel.ucalgary.ca)
Copyright 1998-2000, Theodore Ts'o.
Copyright 1998-2000 Red Hat, Inc --- All Rights Reserved
Copyright 1998 by Theodore Ts'o and PowerQuest, Inc. All rights reserved.
Copyright 1998 Carnegie Mellon University
Copyright 1997, 2000, by Theodore Ts'o.
Copyright 1997 Ben Gertzfield.
Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o.
Copyright 1995, 1996, 1997, 1998, 1999, 2000 by Theodore Ts'o.

Copyright 1995, 1996, 1997, 1998, 1999 by Theodore Ts'o
Copyright 1995, 1996, 1997 by Theodore Ts'o.
Copyright 1993, 1994, 1995 by Theodore Ts'o. All Rights Reserved.
Copyright 1990, 1991, 1992 Free Software Foundation, Inc. Written May 1989 by Mike Haertel.
Copyright 1988, Student Information Processing Board of the Massachusetts Institute of Technology.
Copyright 1988 by the Massachusetts Institute of Technology.
Copyright 1987, 1988 Massachusetts Institute of Technology
Copyright 1987, 1988, 1989 by the Massachusetts Institute of Technology";
Copyright 1987, 1988, 1989 by Massachusetts Institute of Technology
Copyright 1987, 1988, 1989 by MIT Student Information Processing Board
Copyright 1987, 1988, 1989 by MIT
Copyright 1987, 1988, 1989 Massachusetts Institute of Technology Student Information Processing Board)
Copyright 1987-1988 by the Student Information Processing Board of the Massachusetts Institute of Technology
Copyright 1987-1988 by MIT Student Information Processing Board.
Copyright 1986, 1987, 1988 by MIT Information Systems
Copyright (c) 2018 Nicholas Clark <nicholas.clark@gmail.com>
Copyright (c) 2018 Collabora Ltd. All rights reserved.
Copyright (c) 2017 Oracle. All Rights Reserved.
Copyright (c) 2014 SGI. All rights reserved.
Copyright (c) 2014 SGI.
Copyright (c) 2014 Google, Inc. SHA512 implementation from libtomcrypt.
Copyright (c) 2012, Intel Corporation. All Rights Reserved.
Copyright (c) 2008 John Darrington <j.darrington@elvis.murdoch.edu.au>
Copyright (c) 2005 Ben Gardner <bgardner@wabtec.com>
Copyright (c) 2003-2007 Theodore Ts'o <tytso@mit.edu>
Copyright (c) 2003-2005 Silicon Graphics, Inc.
Copyright (c) 2003, 2004 Cluster File Systems, Inc, info@clusterfs.com Written by Alex Tomas <alex@clusterfs.com>
Copyright (c) 1997-2003 by Theodore Ts'o
Copyright (c) 2002-2003 Theodore Ts'o
Copyright (c) 2001 Daniel Phillips
Copyright (c) 2001 Alcove <<http://www.alcove.com/>>
Copyright (c) 2000 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 1997-2003 Yann Dirson <dirson@debian.org>
Copyright (c) 1997, 1998, 2001 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden). All rights reserved.
Copyright (c) 1997 Mark Habersack
Copyright (c) 1997 Klee Dienes
Copyright (c) 1995-1996 Michael Nonweiler <mrn20@cam.ac.uk>
Copyright (c) 1994-2008 Carnegie Mellon University. All rights reserved.
Copyright (c) 1994 Ulrich Windl
Copyright (c) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Theodore Ts'o
Copyright (c) 1988 Regents of the University of California. All rights reserved.
Copyright (c) 1988 Massachusetts Institute of Technology
Copyright (C) Paul 'Rusty' Russell 2000
Copyright (C) Jeremy Allison 2000-2006
Copyright (C) Jeremy Allison 2000
Copyright (C) Andries Brouwer
Copyright (C) Andrew Tridgell 2005
Copyright (C) Andrew Tridgell 1999-2005
Copyright (C) Andrew Tridgell 1999-2004

Copyright (C) Andrew Tridgell 1999-2000
 Copyright (C) Andrew Esh 2001
 Copyright (C) 2018 Oracle. All Rights Reserved.
 Copyright (C) 2018 Collabora Ltd.
 Copyright (C) 2007-2016 The Android Open Source Project
 Copyright (C) 1993-2014 Theodore Ts'o.
 Copyright (C) 2014 Robert Yang <liezhi.yang@windriver.com>
 Copyright (C) 2014-2014 Oracle.
 Copyright (C) 1996-2013 by Theodore Ts'o
 Copyright (C) 2012 Zheng Liu <wenqing.lz@taobao.com>
 Copyright (C) 1989-2015 Free Software Foundation, Inc.
 Copyright (C) 2011 Whamcloud, Inc.
 Copyright (C) 2010 Red Hat, Inc., Lukas Czermer <lczermer@redhat.com>
 Copyright (C) 2009 Sun Microsystems, Inc.
 Copyright (C) 2009 NEC Software Tohoku, Ltd.
 Copyright (C) 2008, 2009, 2015, 2018, 2019, 2020 Theodore Tso (msgids)
 Copyright (C) 2008 Red Hat, Inc. All rights reserved. Written by Eric Sandeen
 <sandeen@redhat.com>
 Copyright (C) 1996-2019 Theodore Tso
 , 2000-2013 Free Software Foundation, Inc.
 Copyright (C) 2006, 2007 by Andreas Dilger <adilger@clusterfs.com>
 Copyright (C) 2006 Cluster File Systems, Inc.
 Copyright (C) 1999-2006 Theodore Ts'o <tytso@mit.edu>
 Copyright (C) 2004, 2013 2014 Theodore Tso
 Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>
 Copyright (C) 2004 Kay Sievers <kay.sievers@vrfy.org>
 Copyright (C) 2001-2005 , 2008-2013 Free Software Foundation, Inc.
 Copyright (C) 2003, 2005-2006, 2008-2013 Free Software Foundation, Inc.
 Copyright (C) 2003 VMware, Inc.
 Copyright (C) 2003 Free Software Foundation, Inc. Written by Bruno Haible <bruno@clisp.org>,
 2003.
 Copyright (C) 2002, 2007-2008, 2010-2013 Free Software Foundation, Inc.
 Copyright (C) 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014,
 2015, 2016, 2017, 2018, 2019 Theodore Tso (msgids)
 Copyright (C) 2000-2002 Andreas Dilger.
 Copyright (C) 2001, 2003 Theodore Y. Ts'o
 Copyright (C) 2001 by Andreas Dilger
 Copyright (C) 2001 Theodore Ts'o (tytso@mit.edu)
 Copyright (C) 2001 Red Hat, Inc.
 Copyright (C) 2001 Andreas Gruenbacher, <a.gruenbacher@computer.org>
 Copyright (C) 2000-2003 Free Software Foundation, Inc. Written by Ulrich Drepper
 <drepper@cygnus.com>, 2000.
 Copyright (C) 1997-2004 , 2007-2013 Free Software Foundation, Inc.
 Copyright (C) 1997-2004 , 2006, 2008-2013 Free Software Foundation, Inc.
 Copyright (C) 2000-2002, 2004, 2008, 2010-2013 Free Software Foundation
 Copyright (C) 2000-2001, 2003 Free Software Foundation, Inc. Written by Ulrich Drepper
 <drepper@cygnus.com>, 2000.
 Copyright (C) 2000, 2001, 2003 Theodore Ts'o
 Copyright (C) 2000, 2001, 2002, 2003, 2004 by Theodore Ts'o.
 Copyright (C) 2000 Stephen C. Tweedie
 Copyright (C) 1996-2007 , 2009-2013 Free Software Foundation, Inc.
 Copyright (C) 1999-2000, 2002-2003 Free Software Foundation, Inc.
 Copyright (C) 1999, Andreas Dilger and Theodore Ts'o
 Copyright (C) 1999-2001 by Andries Brouwer
 Copyright (C) 1999, 2000, 2003, 2004 by Theodore Ts'o

Copyright (C) 1999, 2000, 2003 by Theodore Ts'o
 Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007 by Theodore Ts'o
 Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004 by Theodore Ts'o
 Copyright (C) 1999, 2000, 2001, 2002, 2003 Theodore Ts'o
 Copyright (C) 1999 Red Hat Software
 Copyright (C) 1998 Andrey Shedel (andreys@ns.cr.cyco.com)
 Copyright (C) 1997, 1998, 2001, 2003, 2005 by Theodore Ts'o.
 Copyright (C) 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 by Theodore Ts'o
 Copyright (C) 1997, 1998 by Theodore Ts'o and PowerQuest, Inc.
 Copyright (C) 1997 Kaz Kylheku <kaz@ashi.footprints.net>
 Copyright (C) 1996-2003, 2005, 2008-2013 Free Software Foundation, Inc.
 Copyright (C) 1996-2001, 2003 Free Software Foundation, Inc.
 Copyright (C) 1995-1999, 2000-2003 Free Software Foundation, Inc.
 Copyright (C) 1996, 1997, 1998, 1999 Theodore Ts'o.
 Copyright (C) 1996, 1997, 1998 Theodore Ts'o.
 Copyright (C) 1995-2003, 2005-2006, 2008-2013 Free Software Foundation
 Copyright (C) 1995-2002, 2004-2005, 2008-2013 Free Software Foundation
 Copyright (C) 1995-1999, 2000-2004 Free Software Foundation, Inc.
 Copyright (C) 1995-1999, 2000-2003 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 1995.
 Copyright (C) 1995-1999, 2000-2003 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1995.
 Copyright (C) 1995-1999, 2000-2001, 2003 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@gnu.org>, 1995.
 Copyright (C) 1995-1999, 2000-2001, 2003 Free Software Foundation, Inc.
 Copyright (C) 1995-1998, 2000-2001, 2003 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1995.
 Copyright (C) 1995-1997, 2000-2004 by Ulrich Drepper <drepper@gnu.ai.mit.edu>
 Copyright (C) 1995, 1996, 1997, 1998, 1999, 2000, 2008 Theodore Ts'o.
 Copyright (C) 1995, 1996, 1997, 1998, 1999, 2000 Theodore Ts'o.
 Copyright (C) 1995, 2000-2003 Software Foundation, Inc.
 Copyright (C) 1995, 1997-1998, 2000-2003 Free Software Foundation, Inc.
 Copyright (C) 1995, 1997, 2000-2002, 2004 Free Software Foundation, Inc.
 Copyright (C) 1995, 1996, 2002 Theodore Ts'o.
 Copyright (C) 1995, 1996, 1997, 1998 Free Software Foundation, Inc.
 Copyright (C) 1995, 1996, 1997 Theodore Ts'o <tytso@mit.edu>
 Copyright (C) 1995 Gadi Oxman. Para>
 Copyright (C) 1995 Gadi Oxman
 , 1994-2003 Theodore Ts'o.
 Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 by Theodore Ts'o.
 Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001 Theodore Ts'o.
 Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001-2013 by Theodore Ts'o
 Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 by Theodore Ts'o
 Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 by Theodore Ts'o
 Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 by Theodore Ts'o <tytso@mit.edu>, 2012. Joe Hansen <joe@dalto>

Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o. Theodore Ts'o <tytso@mit.edu>, 2010. Gabor Kelemen <kelemeng at gnome dot h

Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 by Theodore Ts'o.

Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999 Theodore Ts'o.

Copyright (C) 1993, 1994, 1994, 1995, 1996, 1997 Theodore Ts'o.

Copyright (C) 1993, 1994 Remy Card

Copyright (C) 1993 Remy Card (card@masi.ibp.fr)

Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

Copyright (C) 1992, 1993, 1994, 1995 Remy Card

Copyright (C) 1992, 1993, 1994 Remy Card (card@masi.ibp.fr)

Copyright (C) 1992, 1993, 1994 Remy Card <card@masi.ibp.fr>

Copyright (C) 1992, 1993 Remy Card <card@masi.ibp.fr>

Copyright (C) 1991, 1992 Linus Torvalds

Copyright (C) 1989,90,91,92,93,94,96,97 Free Software Foundation, Inc.

Copyright (C) 1986 Richard M. Stallman

Copyright (C) 1985-2005 by the Massachusetts Institute of Technology.

Copyright (C) 1985, 1986, 1988, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.

Copyright (C) 1985, 1986, 1988 Richard M. Stallman

Copyright (C) 1984, 1989, 1990, 2000, 2001, 2002 Free Software Foundation, Inc.

(c) 1997 Yann Dirson

(C) Copyright 2003, 2004, 2008 by Theodore Ts'o.

(C) 2002 David Woodhouse <dwmw2@infradead.org>

(C) 2000 Andreas Gruenbacher, <a.gruenbacher@computer.org>

(C) 1999 Andrea Arcangeli <andrea@suse.de>

1.16.2 Acknowledgements

To the extent files may be licensed under GPL-2.0 or later, in this context GPL-2.0 has been chosen.

This shall not restrict the freedom of future contributors to choose GPL-2.0 or later.

1.16.3 Licenses

1.16.3.1 **GPL-2.0**

```
wprintw (show_pad,"EXT2ED is hereby placed under the terms of the GNU General Public License.\n\n");
```

1.16.3.2 **GPL-2.0**

License: GPLv2

1.16.3.3 **GPL-2.0**

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
 - b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
 - c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)
- These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is

normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.16.3.4 GPL-2.0

.\\" This file may be copied under the terms of the GNU Public License.

1.16.3.5 GPL-2.0

* This file may be redistributed under the terms of the GNU Public
* License.

1.16.3.6 GPL-2.0+-with-bison-exception

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public License is intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users. This General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to using it. (Some
other Free Software Foundation software is covered by the GNU Lesser General Public
License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for this service if you wish), that you receive

source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to

print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not

impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE

WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and an idea of what it does.>  
Copyright (C) <yyyy> <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with  
ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are  
welcome to redistribute it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision'  
(which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

Bison Exception

As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version

thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

1.16.3.7 *Public-domain*

Public domain software is software that is not copyrighted. If the source code is in the public domain, that is a special case of noncopyrighted free software, which means that some copies or modified versions may not be free at all.

In some cases, an executable program can be in the public domain but the source code is not available. This is not free software, because free software requires accessibility of source code. Meanwhile, most free software is not in the public domain; it is copyrighted, and the copyright holders have legally given permission for everyone to use it in freedom, using a free software license.

Sometimes people use the term "public domain" in a loose fashion to mean "free" or "available gratis." However, "public domain" is a legal term and means, precisely, "not copyrighted". For clarity, we recommend using "public domain" for that meaning only, and using other terms to convey the other meanings.

Under the Berne Convention, which most countries have signed, anything written down is automatically copyrighted. This includes programs. Therefore, if you want a program you have written to be in the public domain, you must take some legal steps to disclaim the copyright on it; otherwise, the program is copyrighted.

1.16.3.8 *MIT-style*

According to MIT license, add some modifications

1.16.3.9 *MIT-style*

```
* Permission to use this file is granted for any purposes, as long as
* this copyright statement is kept intact and the author is not held
* liable for any damages resulting from the use of this program.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF
* WHICH ARE HEREBY DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
* OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
* BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
* LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
* USE OF THIS SOFTWARE.
```

1.16.3.10 *MIT-style*

```
* Export of this software from the United States of America may require
* a specific license from the United States Government.  It is the
* responsibility of any person or organization contemplating export to
* obtain such a license before exporting.
*
* WITHIN THAT CONSTRAINT, permission to use, copy, modify, and
* distribute this software and its documentation for any purpose and
* without fee is hereby granted, provided that the above copyright
* notice appear in all copies and that both that copyright notice and
* this permission notice appear in supporting documentation, and that
* the name of M.I.T. not be used in advertising or publicity pertaining
* to distribution of the software without specific, written prior
* permission.  Furthermore if you modify this software you must label
```

* your software as modified software and not distribute it in such a
* fashion that it might be confused with the original MIT software.
* M.I.T. makes no representations about the suitability of this software
* for any purpose. It is provided "as is" without express or implied
* warranty.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.16.3.11 BSD-3-Clause

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.16.3.12 LGPL-2.1

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be

allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all

subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding

machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your

rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library

specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU

Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.16.3.13 IPL-1.0

This software has been released under the terms of the IBM Public
License. For details, see the LICENSE file in the top-level source
directory or online at <http://www.openafs.org/dl/license10.html>

1.16.3.14 LGPL-2.0

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them

with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of

this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE

WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.16.3.15 LGPL-2.0

This program is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. */

1.17 eeprog 0.7.6

1.17.1 Copyrights

Copyright (C) 1995-97 Simon G. Vogl
Copyright (C) 1998-99 Frodo Looijaard <frodo@dds.nl>
Copyright (c) 2003-2004 by Stefano Barbato - All rights reserved.
copyright : (C) by 2003-2004 Stefano Barbato
email : stefano@

1.17.2 Licenses

1.17.2.1 *GPL/v2/GPL v2 or later_CCT verified_MassAve*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

1.17.2.2 *_GPL/V2_or_later/GPL V2 or later Reference 2_cct*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

1.18 Expat 2.2.9

1.18.1 Copyrights

copyright 2010, Patrick Spendrin <ps_ml@gmx.de>
Copyright=Copyright © 1998-2017 Thai Open Source Software Center, Clark Cooper, and the Expat maintainers
Copyright 1999-2000 Clark Cooper
Copyright 1992-2018 Free Software Foundation, Inc.
Copyright (c) 2000-2019 Expat development team
Copyright (c) 2018 The Expat Authors.
Copyright (c) 2014 Mike Frysinger vapier@gentoo.org
Copyright (c) 2011 Maarten Bosmans <mkbosmans@gmail.com>
Copyright (c) 2008 Guido U. Draheim <guidod@gmx.de>
Copyright (c) 2001-2017 Expat maintainers
Copyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark Cooper
Copyright (c) 1997-2000 Thai Open Source Software Center Ltd
Copyright (C) 2017-2019 Expat development team
Copyright (C) 1994-2018 Free Software Foundation, Inc.
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc.
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc.
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc.
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

1.18.2 Licenses

1.18.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.18.2.2 MIT

```
# Permission is hereby granted, free of charge, to any person obtaining
# a copy of this software and associated documentation files (the
# "Software"), to deal in the Software without restriction, including
# without limitation the rights to use, copy, modify, merge, publish,
# distribute, sublicense, and/or sell copies of the Software, and to permit
# persons to whom the Software is furnished to do so, subject to the
# following conditions:
#
# The above copyright notice and this permission notice shall be included
# in all copies or substantial portions of the Software.
#
# THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
# EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
# MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN
# NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,
# DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR
# OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE
# USE OR OTHER DEALINGS IN THE SOFTWARE.
```

1.18.2.3 GPL-3.0+-with-autoconf-exception.

This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, see <<http://www.gnu.org/licenses/>>.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program. This Exception is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3").

1.18.2.4 GPL-2.0+ with-autoconf-exception-program

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program.

1.18.2.5 GPL-2.0+ with-autoconf-exception-program

```
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2, or (at your option)
# any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program. If not, see <http://www.gnu.org/licenses/>.
#
# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
```

1.18.2.6 GPL-3.0+ with-autoconf-macro-exception

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for
software and other kinds of works.

The licenses for most software and other practical works are designed
to take away your freedom to share and change the works. By contrast,
the GNU General Public License is intended to guarantee your freedom to
share and change all versions of a program--to make sure it remains free
software for all its users. We, the Free Software Foundation, use the
GNU General Public License for most of our software; it applies also to
any other work released this way by its authors. You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for

them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based

on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to

"keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is

available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by

this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this license, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a)

provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a

consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you

to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<http://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<http://www.gnu.org/philosophy/why-not-lgpl.html>>.

As a special exception, the respective Autoconf Macro's copyright owner

gives unlimited permission to copy, distribute and modify the configure scripts that are the output of Autoconf when processing the Macro. You need not follow the terms of the GNU General Public License when using or distributing such scripts, even though portions of the text of the Macro appear in them. The GNU General Public License (GPL) does govern all other use of the material that constitutes the Autoconf Macro.

This special exception to the GPL applies to versions of the Autoconf Macro released by the Autoconf Archive. When you make and distribute a modified version of the Autoconf Macro, you may extend this special exception to the GPL to apply to your modified version as well.

1.18.2.7 --GPL-3.0+-with-libtool-exception

```
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 3 of the License, or
# (at your option) any later version.
```

```
# As a special exception to the GNU General Public License, if you distribute
# this file as part of a program or library that is built using GNU Libtool,
# you may include this file under the same distribution terms that you use
# for the rest of that program.
```

```
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
# General Public License for more details.
```

1.18.2.8 GPL-2.0+-with-libtool-exception

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the

source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third

parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering

access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding

those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by

the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License along
with this program; if not, write to the Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License.

As a special exception to the GNU General Public License,
if you distribute this file as part of a program or library that
is built using GNU Libtool, you may include this file under the
same distribution terms that you use for the rest of that program.

1.18.2.9 *Public-domain*

* Licensed under the CC0 Public Domain Dedication license.

1.18.2.10 *Public-domain*

FSF changes to this file are in the public domain.

1.18.2.11 *MIT-style*

According to MIT license, add some modifications

1.18.2.12 *MIT-style*

This file is free software; the Free Software Foundation gives
unlimited permission to copy and/or distribute it, with or without
modifications, as long as this notice is preserved.

1.18.2.13 MIT-style

```
# This file is free software; the Free Software Foundation
# gives unlimited permission to copy and/or distribute it,
# with or without modifications, as long as this notice is preserved.
```

```
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY, to the extent permitted by law; without
# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
# PARTICULAR PURPOSE.
```

1.18.2.14 MIT-style

```
# This Makefile.in is free software; the Free Software Foundation
# gives unlimited permission to copy and/or distribute it,
# with or without modifications, as long as this notice is preserved.
```

```
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY, to the extent permitted by law; without
# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
# PARTICULAR PURPOSE.
```

1.18.2.15 BSD-3-Clause

```
# This file is copyrighted under the BSD-license for buildsystem files of KDE
```

1.18.2.16 GFDL-1.1

```
Permission is
granted to copy, distribute and/or modify this document under
the terms of the GNU Free Documentation
License, Version 1.1.
```

1.18.2.17 GFDL-1.1

```
Permission is
granted to copy, distribute and/or modify this document under
the terms of the <acronym>GNU</acronym> Free Documentation
License, Version 1.1.
```

1.18.2.18 X11

```
# Permission is hereby granted, free of charge, to any person obtaining a copy
# of this software and associated documentation files (the "Software"), to
# deal in the Software without restriction, including without limitation the
# rights to use, copy, modify, merge, publish, distribute, sublicense, and/or
# sell copies of the Software, and to permit persons to whom the Software is
# furnished to do so, subject to the following conditions:
#
# The above copyright notice and this permission notice shall be included in
# all copies or substantial portions of the Software.
#
# THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
# IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
# FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
# X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
# AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNEC-
# TION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
#
# Except as contained in this notice, the name of the X Consortium shall not
# be used in advertising or otherwise to promote the sale, use or other deal-
# ings in this Software without prior written authorization from the X # Consor-
# tium.
```

1.18.2.19 Apache-1.1

```
/* =====
* The Apache Software License, Version 1.1
```

```

*
* Copyright (c) 2000 The Apache Software Foundation. All rights
* reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. The end-user documentation included with the redistribution,
* if any, must include the following acknowledgment:
*     "This product includes software developed by the
*      Apache Software Foundation (http://www.apache.org/)."
* Alternately, this acknowledgment may appear in the software itself,
* if and wherever such third-party acknowledgments normally appear.
*
* 4. The names "Apache" and "Apache Software Foundation" must
* not be used to endorse or promote products derived from this
* software without prior written permission. For written
* permission, please contact apache@apache.org.
*
* 5. Products derived from this software may not be called "Apache",
* nor may "Apache" appear in their name, without prior written
* permission of the Apache Software Foundation.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
* DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
* =====
*
* This software consists of voluntary contributions made by many
* individuals on behalf of the Apache Software Foundation. For more
* information on the Apache Software Foundation, please see
* <http://www.apache.org/>.
*
* Portions of this software are based upon public domain software
* originally written at the National Center for Supercomputing Applications,
* University of Illinois, Urbana-Champaign.
*/

```

1.19 FastCGI Development Kit 2.4.2

1.19.1 Copyrights

copyrighted by Open Market, Inc ("Open Market").

Copyright 1999, 2000 Free Software Foundation, Inc. Written by Tom Tromey
<tromey@cygnus.com>.

Copyright 1999, 2000 Free Software Foundation, Inc.

Copyright 1996, 1997, 1999, 2000 Free Software Foundation, Inc. Originally by Francois Pinard
<pinard@iro.umontreal.ca>, 1996.

Copyright 1996 Open Market, Inc.
 Copyright 1991 by the Massachusetts Institute of Technology
 Copyright (c) 2001 Rob Saccoccio and Chelsea Networks All rights reserved.
 Copyright (c) 2001 Rob Saccoccio and Chelsea Networks
 Copyright (c) 2000 Tux the Linux Penguin
 Copyright (c) 1996-1998 Sven Verdoolaege
 Copyright (c) 1995-1996 Open Market, Inc. All rights reserved.
 Copyright (c) 1995-1996 Open Market, Inc.
 Copyright (c) 1988 Regents of the University of California. All rights reserved.
 Copyright (C) 2005 Free Software Foundation, Inc.
 Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005 Free Software Foundation, Inc. Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
 Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
 © 1995-1996 , Open Market, Inc. mbrown@openmarket.com
 © 1996, Open Market, Inc.
 © 1995, 1996 Open Market, Inc. mbrown@openmarket.com

1.19.2 Acknowledgements

This product includes software developed by the University of California, Berkeley and its contributors.

1.19.3 Licenses

1.19.3.1 *OpenMarket*

This FastCGI application library source and object code (the "Software") and its documentation (the "Documentation") are copyrighted by Open Market, Inc ("Open Market"). The following terms apply to all files associated with the Software and Documentation unless explicitly disclaimed in individual files.

Open Market permits you to use, copy, modify, distribute, and license this Software and the Documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice is included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses. Modifications to this Software and Documentation may be copyrighted by their authors and need not follow the licensing terms described here. If modifications to this Software and Documentation have new licensing terms, the new terms must be clearly indicated on the first page of each file where they apply.

OPEN MARKET MAKES NO EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE SOFTWARE OR THE DOCUMENTATION, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL OPEN MARKET BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY DAMAGES ARISING FROM OR RELATING TO THIS SOFTWARE OR THE DOCUMENTATION, INCLUDING, WITHOUT LIMITATION, ANY INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OR SIMILAR DAMAGES, INCLUDING LOST PROFITS OR LOST DATA, EVEN IF OPEN MARKET HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE SOFTWARE AND DOCUMENTATION ARE PROVIDED "AS IS". OPEN MARKET HAS NO LIABILITY IN CONTRACT, TORT, NEGLIGENCE OR OTHERWISE ARISING OUT OF THIS SOFTWARE OR THE DOCUMENTATION.

1.19.3.2 *License notice*

This file contains proprietary and confidential information and remains the unpublished property of Open Market, Inc. Use, disclosure, or reproduction is prohibited except as permitted by express written license agreement with Open Market, Inc.

Bill Snapper
snapper@openmarket.com

1.19.3.3 *BSD-4-Clause-UC*

BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.20 FlatBuffers 1.12.0

1.20.1 Copyrights

Copyright 2015-2020 , Google Inc. All rights reserved.
Copyright 2008-2020 Google Inc. All rights reserved.
Copyright 2018 Dan Field. All rights reserved.
Copyright 2018 Dan Field
Copyright 2015 gRPC authors.
Copyright 2014-2015 Google Inc.
Copyright 2014 Stefan.Eilemann@epfl.ch
Copyright 2012, the Dart project authors. All rights reserved.
Copyright (c) 2013-2017 Google, Inc.
Copyright (c) 2016, the Dart project authors.
Copyright (c) 2015 Google Inc

1.20.2 Licenses

1.20.2.1 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright

owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole,

provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

1.20.2.2 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.20.2.3 *Zlib*

zlib License Copyright (c) <year> <copyright holders>

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.21 fmt - fmtlib/fmt 7.0.3

1.21.1 Copyrights

Copyright Paul Dreik 2019

Copyright 2011-2015 Twitter, Inc.

Copyright (c) 2012-2019 - present, Victor Zverovich All rights reserved.

Copyright (c) 2012-2018 - present, Victor Zverovich and fmt contributors All rights reserved.

Copyright (c) 2018 - present, Remotion (Igor Schulz) All Rights Reserved fmt support for ranges, containers and types tuple interface.

Copyright (c) 2013 Vladimir Keleshev, vladimir@keleshev.com

Copyright (c) 2012 - present, Victor Zverovich

Copyright (c) 2012 - 2016, Victor Zverovich All rights reserved.

1.21.2 Licenses

1.21.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.21.2.2 Public-domain

Public Domain

1.22 gcc-runtime 9.3.0

1.22.1 Copyrights

Copyright (c) 2017-2019 by the contributors listed in CREDITS.TXT

Copyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd.

Copyright (c) 1996-1999 Silicon Graphics Computer Systems, Inc.

Copyright (c) 1996,1997 Silicon Graphics

Copyright (c) 1994 Hewlett-Packard Company

Copyright (C) 2005-2019 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>.

Copyright (C) 2013-2019 Free Software Foundation, Inc. Contributed by Andreas Krebbel <krebbel@linux.vnet.ibm.com>

Copyright (C) 1994-2019 Free Software Foundation, Inc.

Copyright (C) 2005-2019 Free Software Foundation, Inc. Contributed by Sebastian Huber <sebastian.huber@embedded-brains.de>.

Copyright (C) 2015-2019 Free Software Foundation, Inc. Contributed by Alexander Monakov <amonakov@ispras.ru>.

Copyright (C) 2015-2019 Free Software Foundation, Inc. Contributed by Jack Howarth <howarth.at.gcc@gmail.com>

Copyright (C) 2015-2019 Free Software Foundation, Inc. Contributed by Dmitry Melnik <dm@ispras.ru>

Copyright (C) 2015-2019 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldyh@redhat.com>.

Copyright (C) 2005-2019 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>.

Copyright (C) 2014-2019 Free Software Foundation, Inc. Contributed by Kai Tietz <ktietz@redhat.com>.

Copyright (C) 2011-2019 Free Software Foundation, Inc. Contributed by Torvald Riegel <triegel@redhat.com>.
Copyright (C) 2011-2019 Free Software Foundation, Inc. Contributed by Walter Lee (walt@tilera.com)
Copyright (C) 2011-2019 Free Software Foundation, Inc. Contributed by Uros Bizjak <ubizjak@gmail.com>
Copyright (C) 2010-2019 Free Software Foundation, Inc. Contributed by ARM Ltd.
Copyright (C) 2009 Free Software Foundation, Inc. <<http://fsf.org/>>
Copyright (C) 2007-2019 Free Software Foundation, Inc. Contributed by Danny Smith <dannysmith@users.sourceforge.net>
Copyright (C) 2006-2019 Free Software Foundation, Inc. Contributed by Francois-Xavier Coudert <coudert@clipper.ens.fr>
Copyright (C) 2005-2019 Free Software Foundation, Inc. Contributed by Ilie Garbacea <ilie@mips.com>, Chao-ying Fu <fu@mips.com>.
Copyright (C) 2004 Ami Tavory and Vladimir Dreizin, IBM-HRL.
Copyright (C) 2002 Peter Dimov
Copyright (C) 2001-2019 Free Software Foundation, Inc. Benjamin Kosnik <bkoz@redhat.com>, 2001.
Copyright (C) 2001-2019 Free Software Foundation, Inc. Benjamin Kosnik <bkoz@redhat.com>
Copyright (C) 2001, 2002, 2003 Peter Dimov
Copyright (C) 1999-2019 Free Software Foundation, Inc. Contributed by Vladimir Makarov <vmakarov@cygnus.com>.
Copyright (C) 1998-2019 Free Software Foundation, Inc. Contributed by Mark Mitchell (mark@markmitchell.com).
Copyright (C) 1998, 1999 Greg Colvin and Beman Dawes.
Copyright (C) 1996-2003 Gerard Jungman
(C) Copyright Jeremy Siek 2000.

1.22.2 Acknowledgements

To the extent files may be licensed under NCSA(University of Illinois) or MIT, in this context MIT has been chosen. This shall not restrict the freedom of other users to choose either NCSA(University of Illinois) or MIT license.

1.22.3 Licenses

1.22.3.1 *GPL-3.0+-with-GCC-exception-3.1*

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation

includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product

model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work)

from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or

other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>

This program comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<http://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<http://www.gnu.org/philosophy/why-not-lgpl.html>>.

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

General information: <http://www.gnu.org/licenses/gcc-exception.html>

Copyright (C) 2009 Free Software Foundation, Inc. <<http://fsf.org/>>
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This GCC Runtime Library Exception ("Exception") is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file (the "Runtime Library") that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

1. Grant of Additional Permission.

You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

1.22.3.2 Dual License - NCSA(University of Illinois) or MIT

The software contained in this directory tree is dual licensed under both the University of Illinois "BSD-Like" license and the MIT license. As a user of this code you may choose to use it under either license. As a contributor, you agree to allow your code to be used under both.

Full text of the relevant licenses is included below.

=====

University of Illinois/NCSA
Open Source License

Developed by:
Threading Runtimes Team
Intel Corporation
<http://www.intel.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.

* Neither the names of Intel Corporation Threading Runtimes Team nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

=====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.22.3.3 *Apache License v2.0 with LLVM Exceptions*

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or,

within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

--- LLVM Exceptions to the Apache 2.0 License ---

As an exception, if, as a result of your compiling your source code, portions of this Software are embedded into an Object form of such source code, you may redistribute such embedded portions in such Object form without complying with the conditions of Sections 4(a), 4(b) and 4(d) of the License.

In addition, if you combine or link compiled forms of this Software with software that is licensed under the GPLv2 ("Combined Software") and if a court of competent jurisdiction determines that the patent provision (Section 3), the indemnity provision (Section 9) or other Section of the License conflicts with the conditions of the GPLv2, you may retroactively and prospectively choose to deem waived or otherwise exclude such Section(s) of the License, but only in their entirety and only with respect to the Combined Software.

1.22.3.4 GCC-exception-3.1

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

General information: <http://www.gnu.org/licenses/gcc-exception.html>

Copyright (C) 2009 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This GCC Runtime Library Exception ("Exception") is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file (the "Runtime Library") that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

1. Grant of Additional Permission.

You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

1.22.3.5 *permission notice*

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Silicon Graphics makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.22.3.6 *permission notice*

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

1.22.3.7 *Permission Notice*

Permission to use, copy, modify, sell, and distribute this software is hereby granted without fee, provided that the above copyright notice appears in all copies, and that both that copyright notice and this permission notice appear in supporting documentation. None of the above authors, nor IBM Haifa Research Laboratories, make any representation about the

suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.22.3.8 *Permission Notice*

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.22.3.9 *BSL-1.0*

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.23 glibc 2.31

1.23.1 Copyrights

© 2019 Unicode®, Inc.

copyrighted by UC Berkeley, by Digital Equipment Corporation and by Internet Software Consortium.

copyright by the University of Cambridge, England.

copyright University of Cambridge

copyright Tom Lord

copyright Sun Microsystems, Inc.

copyright Stephen L. Moshier

copyright Henry Spencer

copyright Eric Young

Copyright++ 1985, 1988, 1993

Copyright © 2019 Free Software Foundation, Inc. Fabio Dorival Victorelli

<fabio@conectiva.com.br>, 1998. Márcio Macedo <marciom@conectiva.com.br>, 1998.

Arnaldo Carvalho de Mello <acme@conectiva.com.br>, 1998. Sandro Nunes Henrique

<sandro@conectiva.com.br>, 1998. Rodrigo Stulzer Lopes <rodrigo@conectiva.com.br>, 1999.

Rafael Fontenelle <rafaelff@gnome.org>, 2018, 2019.

Copyright © 2015 Free Software Foundation, Inc. Clytie Siddall <clytie@riverland.net.au>,

2008-2010. Tráçn Ngá• c Quãçn <vnwildman@gmail.com>, 2012-2014, 2015, 2016, 2017, 2018.

Copyright © 2009 Free Software Foundation, Inc. Lauri Nurmi <lanurmi@iki.fi>, 2002, 2003, 2009, 2019, 2020. Thanks to: Timo Laine <tila at surfeu.fi> for suggestions
Copyright © 2004, 2008, 2009 Free Software Foundation, Inc. Michel Robitaille <robitail@IRO.UMontreal.CA>, traducteur depuis/since 1996.
Copyright © 2002, 2012, 2019 Free Software Foundation, Inc.
Copyright © 1996, 2017 Free Software Foundation, Inc. Karl Eichwalder <ke@suse.de>, 2002. Jochen Hein <jochen@jochen.org>, 1996-2020.
Copyright © 1996, 1998, 2001, 2002, 2003, 2006, 2008, 2009, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 Free Software Foundation, Inc.
Copyright © 1991-2013 Unicode, Inc. All rights reserved. Distributed under
Copyright © %s Free Software Foundation, Inc.
Copyright 1995-2020 Free Software Foundation, Inc.
Copyright 2016-2020 Free Software Foundation, Inc. Contributed by Paul Eggert <eggert@cs.ucla.edu>.
Copyright 2001 by Stephen L. Moshier (moshier@na-net.ornl.gov).
Copyright 2001 by Stephen L. Moshier (moshier@na-net.ornl.gov).
Copyright 2001 by Stephen L. Moshier <moshier@na-net.ornl.gov>
Copyright 2001 by Stephen L. Moshier
Copyright 1996 by Craig Metz, All Rights Reserved.
Copyright 1995 by Tom Lord
Copyright 1992, 1993, 1994, 1997 Henry Spencer. All rights reserved.
Copyright 1984, 1991 by Stephen L. Moshier Adapted for glibc October, 2001.
Copyright 1984, 1991 by Stephen L. Moshier Adapted for glibc November, 2001
Copyright (c) 2000-2020 Free Software Foundation, Inc.
Copyright (c) 2010-2012 , Oracle America, Inc.
Copyright (c) 2004 by Internet Systems Consortium, Inc. ("ISC")
Copyright (c) 2000-2005 , Intel Corporation All rights reserved.
Copyright (c) 2000, Intel Corporation
Copyright (c) 2000, 2001, Intel Corporation All rights reserved.
Copyright (c) 2000-2003 Intel Corporation All rights reserved.
Copyright (c) 1998-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998.
Copyright (c) 1998-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1998.
Copyright (c) 1998-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1998.
Copyright (c) 1997-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1997.
Copyright (c) 1997-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1997.
Copyright (c) 1997-2003 University of Cambridge
Copyright (c) 1995-1999 by Internet Software Consortium.
Copyright (c) 1995 by International Business Machines, Inc.
Copyright (c) 1993 by Digital Equipment Corporation.
Copyright (c) 1993 Carlos Leandro and Rui Salgueiro Dep. Matematica Universidade de Coimbra, Portugal, Europe
Copyright (c) 1980-1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1991,1990,1989,1988,1987 Carnegie Mellon University All Rights Reserved.
Copyright (c) 1991,1990,1989, 1995 Carnegie Mellon University All Rights Reserved.
Copyright (c) 1991,1990,1989 Carnegie Mellon University All Rights Reserved.
Copyright (c) 1991-1992 Carnegie Mellon University All Rights Reserved.
Copyright (c) 1990, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1990, 1991 Sun Microsystems, Inc.
Copyright (c) 1989 Carnegie Mellon University.
Copyright (c) 1988 Stephen Deering.

, 1986-1994 The Regents of the University of California. All rights reserved.
 Copyright (c) 1983, 1992, 1993, 2011 The Regents of the University of California. All rights reserved.
 Copyright (c) 1982-1990 Regents of the University of California. All rights reserved.
 Copyright (C) YEAR Free Software Foundation, Inc. FIRST AUTHOR <EMAIL@ADDRESS>, YEAR.
 Copyright (C) 1918-2020 Free Software Foundation, Inc.
 Copyright (C) 2019 Free Software Foundation, Inc. Pedro Albuquerque <palbuquerque73@gmail.com>, 2019.
 Copyright (C) 2018 Free Software Foundation.
 Copyright (C) 2010-2020 Free Software Foundation, Inc. Contributed by Luis Machado <luisgpm@br.ibm.com>.
 Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Chris Metcalf <cmetcalf@tilera.com>, 2011.
 Copyright (C) 2012-2020 Free Software Foundation, Inc. Contributed by Marek Polacek <polacek@redhat.com>, 2012.
 Copyright (C) 2014-2020 Free Software Foundation, Inc. Contributed by Aurelien Jarno <aurelien@aurel32.net>, 2014.
 Copyright (C) 2014-2020 Free Software Foundation, Inc. Based on gen-unicode-ctype.c by Bruno Haible <haible@clisp.cons.org>, 2000.
 Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999.
 Copyright (C) 2013-2020 Free Software Foundation, Inc. Contributed by Mike Frysinger <vapier@gentoo.org>
 Copyright (C) 2013-2020 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>, 2013.
 Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>
 Copyright (C) 2013, 2014, 2015, 2016 Free Software Foundation, Inc. Primo Å¾¾ Peterlin <primozz.peterlin@gmail.com>, 2013, 2014, 2015, 2016.
 Copyright (C) 2012-2020 Free Software Foundation, Inc. Contributed by Stanislav Brabec <sbrabec@suse.cz>, 2012.
 Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Nobuhiro Iwamatsu <iwamatsu@nigauri.org>, 2012.
 Copyright (C) 2012-2020 Free Software Foundation, Inc. Contributed by Kees Cook <keescook@chromium.org>, 2012.
 Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by David S. Miller (davem@davemloft.net)
 Copyright (C) 2012-2020 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>, 2012.
 Copyright (C) 2012 Free Software Foundation, Inc. Nik Kalach <nik.kalach@inbox.ru>, 2012, 2013.
 Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmain.com>, 2003.
 Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmail.com>, 2011.
 Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmail.com>.
 Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gmail.com>, 2011.
 Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2011.
 Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by Ryan S. Arnold <rsa@us.ibm.com>, 2011.
 Copyright (C) 2009-2020 Free Software Foundation, Inc. Contributed by Intel Corporation.

Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by David Flaherty
<flaherty@linux.vnet.ibm.com>.

Copyright (C) 2011-2020 Free Software Foundation, Inc. Contributed by Adhemerval Zanella
<azanella@br.ibm.com>, 2011

Copyright (C) 2011-2020 Free Software Foundation, Inc. Code contributed by Dave Gilbert
<david.gilbert@linaro.org>

Copyright (C) 2010-2020 Free Software Foundation, Inc. Written by Ulrich Drepper
<drepper@redhat.com>, 2010.

Copyright (C) 2010-2020 Free Software Foundation, Inc. Contributed by Michael Brutman
<brutman@us.ibm.com>.

Copyright (C) 2010-2020 Free Software Foundation, Inc. Contributed by Maxim Kuvyrkov
<maxim@codesourcery.com>, 2010.

Copyright (C) 2010-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek
<jakub@redhat.com>, 2010.

Copyright (C) 2010-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab
<schwab@redhat.com>, 2010.

Copyright (C) 2009-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@redhat.com>, 2009.

Copyright (C) 2009-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@redha.com>, 2009.

Copyright (C) 2009-2020 Free Software Foundation, Inc. Contributed by Paolo Bonzini
<pbonzini@redhat.com>, 2009.

Copyright (C) 2009-2020 Free Software Foundation, Inc. Contributed by Maciej W. Rozycki
<macro@codesourcery.com>.

Copyright (C) 1991-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek
<jakub@redhat.com>.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Written by Ulrich Drepper
<drepper@redhat.com>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Written by Neal H. Walfield
<neal@gnu.org>.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Written by Eric Blake
<ebb9@byu.net>, 2008.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@redhat.com>.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@redhat.com>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by Kazu Hirata
<kazu@codesourcery.com>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek
<jakub@redhat.com>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by Helge Deller
<deller@gmx.de>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by David S. Miller
<davem@davemloft.net>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by Aurelien Jarno
<aurelien@aurel32.net>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by Andrew Jenner
<andrew@codesourcery.com>, 2008.

Copyright (C) 2008-2020 Free Software Foundation, Inc. Contributed by Andreas Kriebel
<Andreas.Kriebel@de.ibm.com>.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger
<aj@suse.de>, 2005.

Copyright (C) 2008 Free Software Foundation, Inc. Arif E. Nugroho <arif_endro@yahoo.com>,
2008, 2009.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by UroÅi Bizjak (ubizjak@gmail.com).

Copyright (C) 2007-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 20077.

Copyright (C) 2007-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2007.

Copyright (C) 2007-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@drepper.com>, 2007.

Copyright (C) 2007-2020 Free Software Foundation, Inc. Contributed by Robert Millan <rmh@gnu.org>.

Copyright (C) 2007-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2007.

Copyright (C) 2007, 2008, 2009 Free Software Foundation, Inc.

Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2006.

Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by Samuel Thibault <samuel.thibault@ens-lyon.org>, 2006.

Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by Martin Schwidefsky <schwidefsky@de.ibm.com>, 2006.

Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by Joseph Myers (joseph@codesourcery.com).

Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2006.

Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@cygnus.com>, 2006.

Copyright (C) 2006-2020 Free Software Foundation, Inc. Contributed by Alexander Shopov <ash@contact.bg>, 2006.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2005.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@readhat.com>, 20055.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>, 2005.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Masahide Washizawa <wash@jp.ibm.com>, 2005.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Jiro SEKIBA <sekiba@jp.ibm.com>, 2005.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2005.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by David S. Miller <davem@davemloft.net>, 2005.

Copyright (C) 2005-2020 Free Software Foundation, Inc. Contributed by Bruno Haible <bruno@clisp.org>, 2005.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by Alexandre Oliva <aoliva@redhat.com>

Copyright (C) 2005 Free Software Foundation, Inc. Steve Murphy <murf@e-tools.com>, 2005. Steve performed initial rough translation from compendium built from translations provided by the following translators: Philibert Ndandali <ndandali@yahoo.fr>, 2005. Viateur MUGENZI <muvia1@yahoo.fr>, 2005. NoÅlla Mupole <s24211045@tuks.co.za>, 2005. Carole Karema <karemacarole@hotmail.com>, 2005. JEAN BAPTISTE NGENDAHAYO <ngenda_denis@yahoo.co.uk>, 2005. Augustin KIBERWA <akiberwa@yahoo.co.uk>, 2005.

Donatien NSENGIYUMVA <ndonatienuk@yahoo.co.uk>, 2005. Antoine Bigirimana <antoine@e-tools.com>, 2005.

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2004.

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2004.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz) and David S. Miller (davem@redhat.com).

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@twiddle.net>

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by Matthew Rickard <mjricka@epoch.ncsc.mil>, 2004.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Martin Schwidefsky <schwidefsky@de.ibm.com>.

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2004.

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jaku@redhat.com>, 2004.

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by GOTO Masanori <gotom@debian.or.jp>, 2004

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by David Mosberger-Tang <davidm@hpl.hp.com>.

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@hpl.hp.com>, 2004.

Copyright (C) 2004-2020 Free Software Foundation, Inc. Contribute by Ulrich Drepper <drepper@redhat.com>, 2004.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2003.

Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2002.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com> and Richard Henderson <rth@redhat.com>, 2003.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2003.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@twiddle.net>, 2003.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Petter Reinholdtsen <pere@hungry.com>, 2003 Based on code by Jochen Hein <jochen.hein@delphi.central.de>, 1997.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Petter Reinholdtsen <pere@hungry.com>, 2003

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Paul Mackerras <paulus@au.ibm.com>, 2003.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Paul Brook

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Martin Schwidefsky <schwidefsky@de.ibm.com>, 2003.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2003.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Carlos O'Donell <carlos@baldric.uwo.ca>, 2005.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Bao Duong <bduong@progress.com>, 2003.

Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de>, 2003.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de>
Copyright (C) 2003-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2003.
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2001.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Stepan Kasal <kasal@math.cas.cz>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Roland McGrath <roland@redhat.com>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Randolph Chung
Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Martin Schwidefsky (schwidefsky@de.ibm.com).
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Isamu Hasegawa <isamu@yamato.ibm.com>.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Isamu Hasegawa <isamu@yamato.ibm.com>, 2002.
Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Hartvig Ekner <hartvige@mips.com>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Bruno Haible <bruno@clisp.org>, 2002.
Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldyh@redhat.com>, 2002.
Copyright (C) 2002-2020 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldyh@redhat.com>, 2002, 2010.
Copyright (C) 2002, 2003 Free Software Foundation, Inc. Ales Nyakhaychyk <nab@mail.by>, 2002, 2003. Viktor Siarheichyk <vics@eq.by>, 2014, 2016, 2017, 2018, 2019.
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Wolfram Gloger <wg@malloc.de>, 2001.
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2001.
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Ryan S. Arnold <rsa@us.ibm.com> Sean Curry <spcurry@us.ibm.com>
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>, 2001.
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Philip Blundell <philb@gnu.org>, 2001.
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by NIIBE Yutaka <gniibe@m17n.org>
Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Masahide Washizawa <washi@jp.ibm.com>, 2001.
Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Martin Schwidefsky (schwidefsky@de.ibm.com). This file is part of the GNU MP Library.

Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2001.

Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com> and Ulrich Drepper <drepper@redhat.com>, 2001.

Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by David S. Miller (davem@redhat.com)

Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by David S. Miller <davem@redhat.com>, 2001.

Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Bruno Haible <haible@clisp.cons.org>, 2001.

Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Bruno Haible <bruno@clisp.org>, 2001, 2005.

Copyright (C) 2001-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2001.

Copyright (C) 2001 Stephen L. Moshier <moshier@na-net.ornl.gov>

Copyright (C) 2000-2020 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@redhat.com>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. EV67 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. EV6 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Volkmar Sieh <vs@caldera.de> and Andreas Jaeger <aj@suse.de>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 2000.

Copyright (C) 1991-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de> and Andreas Jaeger <aj@suse.de>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Richard Henderson.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@tamu.edu) EV6 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@redhat.com)

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>, 1996. EV67 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@redhat.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Masahide Washizawa <washi@yamato.ibm.co.jp>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Masahide Washizawa <washi@jp.ibm.com>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Maciej W. Rozycki <macro@ds2.pg.gda.pl>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Kaz Kylheku <kaz@ashi.footprints.net>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Jes Sorensen <jes@linuxcare.com>, October 2000.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Jes Sorensen <Jes.Sorensen@cern.ch>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Hanno Mueller, kontakt@hanno.de, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Geoffrey Keating <geoffk@geoffk.org>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Denis Joseph Barrow (djbarrow@de.ibm.com).

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Denis Joseph Barrow (djbarrow@de.ibm.com) and Martin Schwidefsky (schwidefsky@de.ibm.com).

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Denis Joseph Barrow <djbarrow@de.ibm.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by David Mosberger (davidm@cs.arizona.edu). EV67 optimized by Rick Gorton <rick.gorton@alpha-processor.com>.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@hpl.hp.com>

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by David Huggins-Daines (dhd@debian.org)

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>, 2000

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Dan Pop for Itanium <Dan.Pop@cern.ch>. Rewritten for McKinley by Sverre Jarp, HP Labs/CERN <Sverre.Jarp@cern.ch>

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Dan Pop <Dan.Pop@cern.ch>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Dan Pop <Dan.Pop@cern.ch> and Jakub Jelinek <jakub@redhat.com>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Carl Pederson & Martin Schwidefsky.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Bruno Haible <haible@ilog.fr>.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Bruno Haible <haible@clisp.cons.org>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de>, 2000.

Copyright (C) 2000-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 2000.

Copyright (C) 2000, 2002, 2005, 2007-2008, 2011 Free Software Foundation, Inc. Tung-Han Hsieh <thhsieh@linux.org.tw>, 2000. Yuan-Chung Cheng <platin@ch.ntu.edu.tw>, 2000. Wang Li <charles@linux.net.cn>, 2002. Wei-Lun Chao <william.chao@ossii.com.tw>, 2005, 2008, 2011. Li Daobing <lidaobing@gmail.com>, 2007. Wei-Lun Chao <bluebat@member.fsf.org>, 2012, 2013. Mingye Wang <arthur200126@gmail.com>, 2015, 2017.

Copyright (C) 2000, 2001, Intel Corporation All rights reserved.

Copyright (C) 2000 Free Software Foundation, Inc. Robert Brady <rwb197@ecs.soton.ac.uk>, 2000.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Written by Ulrich Drepper, <drepper@cygnus.com>.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jes Sorensen, <Jes.Sorensen@cern.ch>, April 1999. Based on code originally written by David Mosberger-Tang

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jes Sorensen, <Jes.Sorensen@cern.ch>, April 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wmemcmp support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcsrrchr support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcslen support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcscpy support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcscmp support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Written by Jakub Jelinek <jakub@redhat.com>, 1999. Added wcschr support by Liubov Dmitrieva <liubov.dmitrieva@gmail.com>, 2011

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@rabi.columbia.edu>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@cygnus.com>, August 1999. Linux/PA-RISC changes by Philipp Rumpf, <prumpf@tux.org>, March 2000.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@cygnus.com>, August 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Sean Chen <seanc@turbolinux.com.cn>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Sean Chen <sean.chen@turbolinux.com>, 1999.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Philip Blundell <philb@gnu.org>.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Philip Blundell <philb@gnu.org>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Kazumoto Kojima <kkojima@rr.iij4u.or.jp> Optimized by Toshiyasu Morita <toshiyasu.morita@hsa.hitachi.com>

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Kazumoto Kojima <kkojima@rr.iij4u.or.jp>

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Jes Sorensen <Jes.Sorensen@cern.ch>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek (jj@ultra.linux.cz).

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz>.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> Partly based on double-precision code by Geoffrey Keating <geoffk@ozemail.com.au>

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>, 1999.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Christian Boissat <Christian.Boissat@cern.ch>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@suse.de> and Jakub Jelinek <jj@ultra.linux.cz>

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@gnu.org>.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1999 and Jakub Jelinek <jakub@redhat.com>, 2000.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1999 and Jakub Jelinek <jakub@redhat.com>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@arthur.rhein-neckar.de>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Contributed by Alexandre Oliva <aoliva@redhat.com> Based on work ../x86_64/readelflib.c, contributed by Andreas Jaeger <aj@suse.de>, 1999 and Jakub Jelinek <jakub@redhat.com>, 1999.

Copyright (C) 1999-2020 Free Software Foundation, Inc. Based on quad-precision tables by Jakub Jelinek <jj@ultra.linux.cz>

Copyright (C) 1999-2020 Free Software Foundation, Inc. Based on quad-precision sine by Jakub Jelinek <jj@ultra.linux.cz>

Copyright (C) 1999-2020 Free Software Foundation, Inc. Based on quad-precision cosine by Jakub Jelinek <jj@ultra.linux.cz>

Copyright (C) 1999-2020 Free Software Foundation, Inc. Based on quad-precision code by Jakub Jelinek <jj@ultra.linux.cz>

Copyright (C) 1999-2020 Free Software Foundation, Inc. Based on i686 version contributed by Ulrich Drepper <drepper@cygnus.com>, 1999. Updated with SSE2 support contributed by Intel Corporation.

Copyright (C) 1999, 2010, 2011 Free Software Foundation, Inc.

Copyright (C) 1999, 2000, 2002 Free Software Foundation, Inc. Jacobo Tarrio <jtarrio@trasno.net>, 1999, 2000, 2002.

Copyright (C) 1998-2020 Free Software Foundation, Inc. contributed by Jochen Hein <jochen.hein@delphi.central.de>

Copyright (C) 1998-2020 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 1998.

Copyright (C) 1991-2020 Free Software Foundation, Inc. Written by Per Bothner <bothner@cygnus.com>.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@rabi.phys.columbia.edu>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998, and Bruno Haible <haible@clisp.cons.org>, 2001.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1998, and Bruno Haible <bruno@clisp.org>, 2002.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@uni-paderborn.de>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@cygnus.com>, 1998

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Philip Blundell <pb@nexus.co.uk>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Phil Blundell, based on the Alpha version by David Mosberger.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Mark Kettenis <kettenis@phys.uva.nl>, 1998.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by MORIYAMA Masayuki <msyk@mtg.biglobe.ne.jp>, 2003.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Jungshik Shin <jshin@pantheon.yale.edu>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Jungshik Shin <jshin@pantheon.yale.edu> and Ulrich Drepper <drepper@cygnus.com>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Joe Keane <jgk@jgk.org>.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Jochen Hein <jochen.hein@delphi.central.de>.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Jan Vondrák <jvon4518@ss1000.ms.mff.cuni.cz>, Jakub Jelinek <jj@ultra.linux.cz>, and David S. Miller <davem@davemloft.net>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Jan Vondrák <jvon4518@ss1000.ms.mff.cuni.cz> and Jakub Jelinek <jj@ultra.linux.cz>.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> and Jan Vondrák <jvon4518@ss1000.ms.mff.cuni.cz>.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by C. Scott Ananian <cananian@alumni.princeton.edu>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@issan.informatik.uni-dortmund.de>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger, <aj@arthur.rhein-neckar.de>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@arthur.rhein-neckar.de>, 1998.

Copyright (C) 1998-2020 Free Software Foundation, Inc. Code contributed by Matthew Wilcox <willy@odie.barnet.ac.uk>

Copyright (C) 1998-2001, 2002, 2003, 2004 Free Software Foundation, Inc. Marcel Telka <marcel@telka.sk>, 2002, 2003, 2004. Stanislav Meduna <stano@meduna.org>, 1998-2001.

Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2009, 2011, 2012, 2013, 2015, 2019 Free Software Foundation, Inc. Ivan Vilata i Balaguer <ivan@selidor.net>, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2009, 2011, 2012, 2013, 2014, 2015, 2019.

Copyright (C) 1998, 1999, 2000, 2001 Free Software Foundation, Inc. Nikos Mavroyanopoulos <nmav@hellug.gr>, 1999, 2000. Simos Xenitellis <S.Xenitellis@rhubnc.ac.uk>, 1999, 2000, 2001.

Copyright (C) 1998 WIDE Project. All rights reserved.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Written by Miles Bader <miles@gnu.ai.mit.edu>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@rabi.phys.columbia.edu>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1997. Based on the mtrace.awk script.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Modified for Big5-HKSCS by Roger So <spacehunt@e-fever.org>, 2000.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Fixed for m68k by Andreas Schwab <schwab@suse.de>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Based on the BSD mcount implementation.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997. Based on a proposal by Larry McVoy <lm@sgi.com>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997, Samuel Thibault <samuel.thibault@ens-lyon.org>, 2005.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997 and Jakub Jelinek <jj@ultra.linux.cz>, 1999.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997 and Jakub Jelinek <jj@ultra.linux.cz>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997 and Jakub Jelinek <jj@ultra.linux.cz>, 1999.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Tim Waugh <tim@cyberelk.demon.co.uk>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@uni-paderborn.de>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Robert Bihlmeyer <robbe@orcus.priv.at>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@tamu.edu).

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz), David S. Miller (davem@redhat.com) and Peter Maydell (pmaydell@chiark.greenend.org.uk).

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz) and Peter Maydell (pmaydell@chiark.greenend.org.uk).

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com) and Jakub Jelinek (jj@ultra.linux.cz).

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <richard@gnu.ai.mit.edu>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Philip Blundell <pjb27@cam.ac.uk>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Philip Blundell <Philip.Blundell@pobox.com>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@nuclecu.unam.mx>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@nuclecu.unam.mx> and Jakub Jelinek <jj@ultra.linux.cz>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@gnu.ai.mit.edu>, January 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Miguel de Icaza <miguel@gnu.ai.mit.edu>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Miguel de Icaza

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Mark Kettenis <kettenis@phys.uva.nl>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Jean-François Bignolles <bignolle@ecoledoc.ibp.fr>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Jason Merrill <jason@cygnus.com>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by H.J. Lu <hjl@gnu.ai.mit.edu>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Geoffrey Keating <Geoff.Keating@anu.edu.au>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Dirk Alboth <dirka@uni-paderborn.de> and Ulrich Drepper <drepper@cygnus.com>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>, 2000 Based on the m68k version by Andreas Schwab <schwab@suse.de>

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Christian Boissat <Christian.Boissat@cern.ch>, 1999 and Jes Sorensen <Jes.Sorensen@cern.ch>, 2000

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab <schwab@issan.informatik.uni-dortmund.de>.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@suse.de> and Ulrich Drepper <drepper@cygnus.com>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Contributed by Andreas Jaeger <aj@arthur.rhein-neckar.de>, 1997.

Copyright (C) 1997-2020 Free Software Foundation, Inc. Based on an algorithm by Stephen L. Moshier <moshier@world.std.com>. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1997.

Copyright (C) 1997 Free Software Foundation, Inc. Vladimir Michl <Vladimir.Michl@seznam.cz>, 1997. Petr Písar <petr.pisar@atlas.cz>, 2007, 2009, 2011, 2012, 2013, 2014, 2015. Petr Písar <petr.pisar@atlas.cz>, 2017, 2018, 2019.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, October 1996

Copyright (C) 1996-2020 Free Software Foundation, Inc. Written by Andreas Schwab, <schwab@issan.informatik.uni-dortmund.de>, December 1995.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Extended from original form by Ulrich Drepper <drepper@cygnus.com>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Wolfram Gloger <wg@malloc.de> and Doug Lea <dl@cs.oswego.edu>, 2001.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.org>.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper, <drepper@gnu.ai.mit.edu>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@redhat.com>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1996.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, 1995.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1996. Based on code by John C. Bowman <b Bowman@ipp-garching.mpg.de>. Corrections by H.J. Lu (hjl@gnu.ai.mit.edu), 1997.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com> and Paul Janzen <pcj@primenet.com>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com> and Jochen Hein <Jochen.Hein@informatik.TU-Clausthal.de>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Torbjorn Granlund, <tege@matematik.su.se>

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@vt.uni-paderborn.de>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Thorsten Kukuk <kukuk@suse.de>, 1996.

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@tamu.edu>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Ralf B  chle <ralf@linux-mips.org>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Pat Beirne <patb@corelcomputer.com>

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by Olaf Flebbe.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Kazumoto Kojima <kkojima@info.kanagawa-u.ac.jp>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Jochen Hein <jochen.hein@delphi.central.de>, 1997.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Jes Sorensen <jes@linuxcare.com>, July 2000

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Jens Schweikhardt <schweikh@noc.dfn.de>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> and David S. Miller <davem@davemloft.net>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> and David S. Miller <davem@caip.rutgers.edu>. This version is developed using the same algorithm as the fast C version which carries the fol

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jj@ultra.linux.cz> and David S. Miller <davem@caip.rutgers.edu>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David S. Miller (davem@caip.rutgers.edu) and Jakub Jelinek (jj@ultra.linux.cz).

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David S. Miller (davem@caip.rutgers.edu) and Jakub Jelinek (jakub@redhat.com).

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David S. Miller <davem@caip.rutgers.edu>, Eddie C. Dost <ecd@skynet.be> and Jakub Jelinek <jj@ultra.linux.cz>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David S. Miller <davem@caip.rutgers.edu> and Jakub Jelinek <jj@ultra.linux.cz>.

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by David Mosberger (davidm@cs.arizona.edu).

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@cs.arizona.edu>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@azstarnet.com>.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@azstarnet.com>, 1996.

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by David Huggins-Daines <dhd@debian.org>, 2000. Based on the Alpha version by Richard Henderson <rth@tamu.edu>, 1996.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by Brendan Kehoe (brendan@zen.org).

Copyright (C) 1996-2020 Free Software Foundation, Inc. Contributed by Andreas Schwab (schwab@issan.informatik.uni-dortmund.de)

Copyright (C) 1996, 2000, 2004, 2010, 2011 Free Software Foundation, Inc. GOTO Masanori <gotom@debian.or.jp>, 2000-2004. Yasuaki Taniguchi <yasuakit@gmail.com>, 2010, 2011.

Copyright (C) 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2007, 2008, 2009, 2011, 2013, 2014, 2015, 2017, 2018, 2019 Free Software Foundation, Inc. Bang Jun-Young <bangjy@nownuri.net>, 1996-97. Changwoo Ryu <cwryu@debian.org>, 2000-2004, 2007-2009, 2011, 2013-2015, 2017-2019.

Copyright (C) 1996, 1997, 1998, 2001, 2002, 2003, 2004, 2011, 2013 Free Software Foundation, Inc. Enrique Melero GÃ³mez <melero@eurolands.com>, 1996, 1997. Santiago Vila Doncel <sanvila@unex.es>, 1997, 1998, 2001, 2002, 2003, 2004, 2011, 2013, 2014.

Copyright (C) 1996, 1997, 1998, 1999, 2002, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2017, 2018, 2019 Free Software Foundation, Inc. PaweÅ Krawczyk <kravietz@ceti.pl>, 1996-1999. Jakub Bogusz <qboosh@pld-linux.org>, 2002-2019.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@gnu.org>, 1995.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@cygnus.com>, 1995.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Written by Miles Bader <miles@gnu.org>

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, August 1995.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org>, 1995.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>, August 1995.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, August 1995.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@cygnus.com>, 1995.

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Miguel de Icaza (miguel@nuclecu.unam.mx)

Copyright (C) 1995-2020 Free Software Foundation, Inc. Contributed by Bernd Schmidt <crux@Pool.Informatik.RWTH-Aachen.DE>, 1997.

Copyright (C) 1995, 1999 by Ralf Baechle

Copyright (C) 1995, 1999 Silicon Graphics

Copyright (C) 1995, 1999 Ralf Baechle

Copyright (C) 1994-2020 Free Software Foundation, Inc. Written by Ulrich Drepper <drepper@gnu.ai.mit.edu>, October 1994.

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper (drepper@gnu.ai.mit.edu).

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@ipd.info.uni-karlsruhe.de>. Optimised a little by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.org> Some optimisations by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu>. Bug fixes by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>.

Adopted for x86-64 by Andreas Jaeger <aj@suse.de>.

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu> Some optimisations by Alan Modra

<Alan@SPRI.Levels.UniSA.Edu.Au>

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper <drepper@gnu.ai.mit.edu> Some bug fixes by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@gnu.ai.mit.edu> Optimised a little by Alan Modra
<Alan@SPRI.Levels.UniSA.Edu.Au>

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@gnu.ai.mit.edu> Bug fixes by Alan Modra <Alan@SPRI.Levels.UniSA.Edu.Au>

Copyright (C) 1990-2020 Free Software Foundation, Inc. Contributed by Torbjorn Granlund
(tege@sics.se).

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Torbjorn Granlund
<tege@matematik.su.se> and Ulrich Drepper <drepper@gnu.org>.

Copyright (C) 1994-2020 Free Software Foundation, Inc. Contributed by Joel Sherrill
(jsherril@redstone-emh2.army.mil), On-Line Applications Research Corporation.

Copyright (C) 1993-2020 Free Software Foundation, Inc. Written by Ulrich Drepper
<drepper@cygnus.com>. Based on the single byte version by Per Bothner
<bothner@cygnus.com>.

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@gnu.ai.mit.edu>, 1993.

Copyright (C) 1991-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper
<drepper@gnu.ai.mit.edu>

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by Paul Eggert
<eggert@twinsun.com>.

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by David Mosberger
(davidm@azstarnet.com).

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by David Mosberger
<davidm@azstarnet.com>, 1995.

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by Brendan Kehoe
(brendan@cygnus.com).

Copyright (C) 1993-2020 Free Software Foundation, Inc. Contributed by Brendan Kehoe
<brendan@zen.org>, 1993.

Copyright (C) 1993,1991,1990 Carnegie Mellon University All Rights Reserved.

Copyright (C) 1993-2011 by Sun Microsystems, Inc. All rights reserved.

Copyright (C) 1993 by Digital Equipment Corporation.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Written by Mike Haertel, September
1988.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Written by David J. MacKenzie.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper,
<drepper@gnu.org>, August 1995.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper,
<drepper@gnu.ai.mit.edu>, August 1995. Changed by Kaz Kojima, <kkojima@rr.iij4u.or.jp>.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper,
<drepper@gnu.ai.mit.edu>, August 1995. ARM changes by Philip Blundell,

<pjb27@cam.ac.uk>, May 1997.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by Ulrich Drepper,
<drepper@gnu.ai.mit.edu>, August 1995.

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by Gary Funck
(gary@intrepid.com). Derived from the DWARF 1 implementation written by Ron Guilmette
(rfg@monkeys.com).

Copyright (C) 1992-2020 Free Software Foundation, Inc. Contributed by David Mosberger.

Copyright (C) 1992 Eric Young

Copyright (C) 1991-2020 Free Software Foundation, Inc. Written by Torbjorn Granlund
(tege@sics.se), with help from Dan Sahlin (dan@sics.se); commentary by Jim Blandy
(jimb@ai.mit.edu).

Copyright (C) 1991-2020 Free Software Foundation, Inc. Written by Douglas C. Schmidt
(schmidt@ics.uci.edu).

Copyright (C) 1991-2020 Free Software Foundation, Inc. Written April 2, 1991 by John Gilmore
of Cygnus Support. Based on mcheck.c by Mike Haertel.

Copyright (C) 1991-2020 Free Software Foundation, Inc. Contributed by Torbjorn Granlund (tege@sics.se). Updated for POWER6 by Steven Munroe (sjmunroe@us.ibm.com).
Copyright (C) 1991-2020 Free Software Foundation, Inc. Based on strlen implementation by Torbjorn Granlund (tege@sics.se), with help from Dan Sahlin (dan@sics.se) and commentary by Jim Blandy (jimb@ai.mit.edu); adaptation to memchr suggested by Dick Karpinski (dick@cca.ucsf.edu), and implemented by Roland McGrath (roland@ai.mit.edu).
Copyright (C) 1991-2020 Free Software Foundation, Inc. Based on strlen implementation by Torbjorn Granlund (tege@sics.se), with help from Dan Sahlin (dan@sics.se) and bug fix and commentary by Jim Blandy (jimb@ai.mit.edu); adaptation to strchr suggested by Dick Karpinski (dick@cca.ucsf.edu), and implemented by Roland McGrath (roland@ai.mit.edu).
Copyright (C) 1991,1990,1989 Carnegie Mellon University All Rights Reserved.
Copyright (C) 1990-2020 Free Software Foundation, Inc. Written May 1989 by Mike Haertel.
Copyright (C) 1990 The Regents of the University of California. All rights reserved.
, 1989-2020 Free Software Foundation, Inc.
Copyright (C) 1987, Sun Microsystems, Inc.
Copyright (C) 1987 Sun Microsystems, Inc.
Copyright (C) 1982, 1986, 1988 Regents of the University of California. All rights reserved.
Copyright (C) 1982-1991 Regents of the University of California. All rights reserved.
Copyright (C) %s Free Software Foundation, Inc.
(c) UNIX System Laboratories, Inc.

1.23.2 Acknowledgements

The origin of this software must not be misrepresented, either by explicit claim or by omission. Since few users ever read sources, credits must appear in the documentation.

1.23.3 Licenses

1.23.3.1 **LGPL-2.1+**

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and

use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the

freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be

optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a

derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not

specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.23.3.2 Unicode-TOU

Unicode® Copyright and Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy.

Unicode Copyright

Copyright © 1991-2019 Unicode, Inc. All rights reserved.

Definitions

Unicode Data Files ("DATA FILES") include all data files under the directories:

<https://www.unicode.org/Public/>

<https://www.unicode.org/reports/>

<https://www.unicode.org/ivd/data/>

Unicode Data Files do not include PDF online code charts under the directory:

<https://www.unicode.org/Public/>

Unicode Software ("SOFTWARE") includes any source code published in the Unicode Standard

or any source code or compiled code under the directories:

<https://www.unicode.org/Public/PROGRAMS/>

<https://www.unicode.org/Public/cldr/>

<https://site.icu-project.org/download/>

Terms of Use

Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files, subject to the Terms and Conditions herein.

Further specifications of rights and restrictions pertaining to the use of the Unicode DATA FILES and SOFTWARE can be found in the Unicode Data Files and Software License.

Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page.

The Unicode PDF online code charts carry specific restrictions. Those restrictions are incorporated as the first page of each PDF code chart.

All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

Modification is not permitted with respect to this document. All copies of this document must be verbatim.

Restricted Rights Legend

Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

Warranties and Disclaimers

This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode, Inc. may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

EXCEPT AS PROVIDED IN SECTION E.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE, INC. AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

Waiver of Damages

In no event shall Unicode, Inc. or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode, Inc. was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

Trademarks & Logos

The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. "The Unicode Consortium" and "Unicode, Inc." are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.'s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names.

The Unicode Consortium Name and Trademark Usage Policy ("Trademark Policy") are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

All third party trademarks referenced herein are the property of their respective owners.

Miscellaneous

Jurisdiction and Venue. This website is operated from a location in the State of California, United States of America. Unicode, Inc. makes no representation that the materials are appropriate for use in other locations. If you access this website from other locations, you are responsible for compliance with local laws. This Agreement, all use of this website and any claims and damages resulting from use of this website are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this website shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum. Modification by Unicode, Inc. Unicode, Inc. shall have the right to modify this Agreement at any time by posting it to this website. The user may not assign any part of this Agreement without Unicode, Inc.'s prior written consent.

Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode's net income.

Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

Entire Agreement. This Agreement constitutes the entire agreement between the parties.

1.23.3.3 Unicode Notice

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>. Unicode Data Files do not include PDF online code charts under the directory <http://www.unicode.org/Public/>. Software includes any source code published in the Unicode Standard or under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2013 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

1.23.3.4 *Spencer-94*

This software is not subject to any license of the American Telephone and Telegraph Company or of the Regents of the University of California.

Permission is granted to anyone to use this software for any purpose on any computer system, and to alter it and redistribute it, subject to the following restrictions:

1. The author is not responsible for the consequences of use of this software, no matter how awful, even if they arise from flaws in it.
2. The origin of this software must not be misrepresented, either by explicit claim or by omission. Since few users ever read sources, credits must appear in the documentation.
3. Altered versions must be plainly marked as such, and must not be misrepresented as being the original software. Since few users ever read sources, credits must appear in the documentation.
4. This notice may not be removed or altered.

1.23.3.5 *Public-domain*

The first function is a little bit optimized (as found in Colin Plumbs public domain implementation).

1.23.3.6 *Permission Notice (SunPro, a Sun Microsystems)*

Developed at SunPro, a Sun Microsystems, Inc. business.
Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.

1.23.3.7 *Permission Notice (IBM)*

International Business Machines, Inc. (hereinafter called IBM) grants permission under its copyrights to use, copy, modify, and distribute this Software with or without fee, provided that the above copyright notice and all paragraphs of this notice appear in all copies, and that the name of IBM not be used in connection with the marketing of any product incorporating the Software or modifications thereof, without specific, written prior permission.

To the extent it has a right to do so, IBM grants an immunity from suit under its patents, if any, for the use, sale or manufacture of products to the extent that such products are used for performing Domain Name System dynamic updates in TCP/IP networks by means of the Software. No immunity is granted for any product per se or for any other function of any product.

THE SOFTWARE IS PROVIDED "AS IS", AND IBM DISCLAIMS ALL WARRANTIES, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL IBM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE, EVEN IF IBM IS APPRISED OF THE POSSIBILITY OF SUCH DAMAGES.

1.23.3.8 *Permission Notice*

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

1.23.3.9 *Permission Notice*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of the copyright holder not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

Tom Lord DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL TOM LORD BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.23.3.10 *Permission Notice*

Distribution and use is free, also for commercial purposes.

1.23.3.11 *LGPL-2.1+-with-GCC-exception-variant*

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place

satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components

(compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or

among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and an idea of what it does.>
Copyright (C) <year> <name of author>
```

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

The GNU C Library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

In addition to the permissions in the GNU Lesser General Public
License, the Free Software Foundation gives you unlimited
permission to link the compiled version of this file with other
programs, and to distribute those programs without any restriction
coming from the use of this file. (The GNU Lesser General Public
License restrictions do apply in other respects; for example, they
cover modification of the file, and distribution when not linked
into another program.)

Note that people who make modified versions of this file are not
obligated to grant this special exception for their modified
versions; it is their choice whether to do so. The GNU Lesser
General Public License gives permission to release a modified
version without this exception; this exception also makes it
possible to release a modified version which carries forward this
exception.

The GNU C Library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with the GNU C Library; if not, see
<<http://www.gnu.org/licenses/>>.

1.23.3.12 *LGPL-2.1+-with-GCC-exception*

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public Licenses are intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this

License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public

License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

The GNU C Library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

In addition to the permissions in the GNU Lesser General Public
License, the Free Software Foundation gives you unlimited
permission to link the compiled version of this file into
combinations with other programs, and to distribute those
combinations without any restriction coming from the use of this
file. (The Lesser General Public License restrictions do apply in
other respects; for example, they cover modification of the file,
and distribution when not linked into a combine executable.)

The GNU C Library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.
You should have received a copy of the GNU Lesser General Public
License along with the GNU C Library; if not, see
<<http://www.gnu.org/licenses/>>.

1.23.3.13 LGPL-2.1

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor
of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public Licenses are intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users.

This license, the Lesser General Public License, applies to some specially designated
software packages--typically libraries--of the Free Software Foundation and other
authors who decide to use it. You can use it too, but we suggest you first think

carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library),

rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components

(compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

< one line to give the library's name and an idea of what it does. >

Copyright (C) < year > < name of author >

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in

the library `Frob' (a library for tweaking knobs) written

by James Random Hacker.

< signature of Ty Coon > , 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.23.3.14 LGPL-2.0+

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991 Copyright (C) 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed

under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library,

the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision

will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.

Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in

the library 'Frob' (a library for tweaking knobs) written

by James Random Hacker.

signature of Ty Coon, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.23.3.15 LGPL-2.0

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite

different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately

publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components

(compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.23.3.16 *InnerNet-2.00*

The Inner Net License, Version 2.00

The author(s) grant permission for redistribution and use in source and binary forms, with or without modification, of the software and documentation provided that the following conditions are met:

0. If you receive a version of the software that is specifically labelled as not being for redistribution (check the version message and/or README), you are not permitted to redistribute that version of the software in any way or form.
1. All terms of the all other applicable copyrights and licenses must be followed.
2. Redistributions of source code must retain the authors' copyright notice(s), this list of conditions, and the following disclaimer.
3. Redistributions in binary form must reproduce the authors' copyright notice(s), this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.
4. [The copyright holder has authorized the removal of this clause.]
5. Neither the name(s) of the author(s) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY ITS AUTHORS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.17 *ISC*

Permission to use, copy, modify, and distribute this software for any

purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.23.3.18 ISC

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND INTERNET SOFTWARE CONSORTIUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL INTERNET SOFTWARE CONSORTIUM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.23.3.19 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions

for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you

cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.23.3.20 GPL-2.0

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work

based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source

code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.23.3.21 *Free Software Foundation Notice*

This is free software; see the source for copying conditions. There is NO warranty;
not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

1.23.3.22 *FSFAP*

Copying and distribution of this file, with or without modification, are permitted in
any medium without royalty provided the copyright notice and this notice are
preserved. This file is offered as-is, without any warranty.

1.23.3.23 *Disclaimer Notice-GNU C Library*

This file is part of the GNU C Library and contains locale data.
The Free Software Foundation does not claim any copyright interest
in the locale data contained in this file. The foregoing does not
affect the license of the GNU C Library as a whole. It does not
exempt you from the conditions of the license if your use would
otherwise be governed by that license.

1.23.3.24 *Digital Equipment Corporation Permission Notice*

Portions Copyright (c) 1993 by Digital Equipment Corporation.

Permission to use, copy, modify, and distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies, and that
the name of Digital Equipment Corporation not be used in advertising or
publicity pertaining to distribution of the document or software without
specific, written prior permission.

THE SOFTWARE IS PROVIDED "AS IS" AND DIGITAL EQUIPMENT CORP. DISCLAIMS ALL

WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL DIGITAL EQUIPMENT CORPORATION BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.23.3.25 CMU

Permission to use, copy, modify and distribute this software and its documentation is hereby granted, provided that both the copyright notice and this permission notice appear in all copies of the software, derivative works or modified versions, and any portions thereof, and that both notices appear in supporting documentation.

carnegie mellon allows free use of this software in its "as is" condition. carnegie mellon disclaims any liability of any kind for any damages whatsoever resulting from the use of this software.

Carnegie Mellon requests users of this software to return to

Software Distribution Coordinator
School of Computer Science
Carnegie Mellon University
Pittsburgh PA 15213-3890
or Software.Distribution@CS.CMU.EDU

any improvements or extensions that they make and grant Carnegie Mellon the rights to redistribute these changes.

1.23.3.26 BSD-3-Clause_University

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.27 BSD-3-Clause_Intel Corporation

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The name of Intel Corporation may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTEL OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.28 *BSD-3-Clause (The PROJECT)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE PROJECT AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE PROJECT OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.29 *BSD-3-Clause (CARNEGIE MELLON UNIVERSITY)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY CARNEGIE MELLON UNIVERSITY AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE UNIVERSITY OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.30 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * The name of Intel Corporation may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTEL OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.31 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of the "Oracle America, Inc." nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.32 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23.3.33 *Public Domain Notice:*

Public domain

1.24 haystack-cpp 1.0.1

1.24.1 Copyrights

Copyright © 2005 Lawrence Rosen.

Copyright (c) 2016, Siemens Building Technologies

Copyright (c) 2015, J2 Innovations Author: Radu Racariu <radur@j2inn.com>

Copyright (c) 2015-2015 , J2 Innovations

Copyright (c) 2012-2012 Brian Frank

Copyright (c) 2005-2006, Applied Informatics Software Engineering GmbH. and Contributors.

1.24.2 Licenses

1.24.2.1 *AFL-3.0*

Academic Free License ("AFL") v. 3.0

This Academic Free License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following licensing notice adjacent to the copyright notice for the Original Work:

Licensed under the Academic Free License version 3.0

1) Grant of Copyright License. Licensor grants You a worldwide, royalty-free, non-exclusive, sublicensable license, for the duration of the copyright, to do the following:

a) to reproduce the Original Work in copies, either alone or as part of a collective work;

b) to translate, adapt, alter, transform, modify, or arrange the Original Work, thereby creating derivative works ("Derivative Works") based upon the Original Work;

c) to distribute or communicate copies of the Original Work and Derivative Works to the public, under any license of your choice that does not contradict the terms and conditions, including Licensor's reserved rights and remedies, in this Academic Free License;

d) to perform the Original Work publicly; and

e) to display the Original Work publicly.

2) Grant of Patent License. Licensor grants You a worldwide, royalty-free, non-exclusive, sublicensable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, for the duration of the patents, to make, use, sell, offer for sale, have made, and import the Original Work and Derivative Works.

3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work.

4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior permission of the Licensor. Except as expressly stated herein, nothing in this License grants any license to Licensor's trademarks, copyrights, patents, trade secrets or any other intellectual property. No patent license is granted to make, use, sell, offer for sale, have made, or import embodiments of any patent claims other than the licensed claims defined in Section 2. No license is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under terms different from this License any Original Work that Licensor otherwise would have a right to license.

5) External Deployment. The term "External Deployment" means the use, distribution, or communication of the Original Work or Derivative Works in any way such that the Original Work or Derivative Works may be used by anyone other than You, whether those works are distributed or communicated to those persons or made available as an application intended for use over a network. As an express condition for the grants of license hereunder, You must treat any External Deployment by You of the Original Work or a Derivative Work as a distribution under section 1(c).

6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent, or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately preceding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of non-infringement, merchantability or fitness for a particular purpose. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to the Original Work is granted by this License except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to anyone for any indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to the extent applicable law prohibits such limitation.

9) Acceptance and Termination. If, at any time, You expressly assented to this License, that assent indicates your clear and irrevocable acceptance of this License and all of its terms and conditions. If You distribute or communicate copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. This License conditions your rights to undertake the activities listed in Section 1, including your right to create Derivative Works based upon the Original Work, and doing so without honoring these terms and conditions is prohibited by copyright law and international treaty. Nothing in this License is intended to affect copyright exceptions and limitations (including "fair use" or "fair dealing"). This License shall terminate immediately and You may no longer exercise any of the rights granted to You by this License upon your failure to honor the conditions in Section 1(c).

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging patent infringement by combinations of the Original Work with other software or hardware.

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the requirements and penalties of copyright or patent law in the appropriate jurisdiction. This section shall survive the termination of this License.

12) Attorneys' Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

16) Modification of This License. This License is Copyright © 2005 Lawrence Rosen. Permission is granted to copy, distribute, or communicate this License without modification. Nothing in this License permits You to modify this License as applied to the Original Work or to Derivative Works. However, You may modify the text of this License and copy, distribute or communicate your modified version (the "Modified License") and apply it to other original works of authorship subject to the following conditions: (i) You may not indicate in any way that your Modified License is the "Academic Free License" or "AFL" and you may not use those names in the name of your Modified License; (ii) You must replace the notice specified in the first paragraph above with the notice "Licensed under <insert your license name here>" or with a notice of your own that is not confusingly similar to the notice in this License; and (iii) You may not claim that your original works are open source software unless your Modified License has been approved by Open Source Initiative (OSI) and You comply with its license review and certification process.

1.24.2.2 BSL-1.0

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.25 init-ifupdown 1.0

1.25.1 Copyrights

Copyright 1994-2010 Peter Tobias, Anthony Towns and Marco d'Itri

1.25.2 Licenses

1.25.2.1 GPL-2.0

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to

certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a

notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE

RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.26 iptables 1.8.4

1.26.1 Copyrights

copyright by Martin F. Krafft.

Copyright © Sebastian Claßen

Copyright © Martin F. Krafft <madduck@madduck.net>

Copyright © Jan Engelhardt, 2011

Copyright © CC Computer Consultants GmbH, 2007-2008 Jan Engelhardt

<jengelh@computergmbh.de>

Copyright © CC Computer Consultants GmbH, 2007

Copyright © 2012-2015 Dan Nicholson <dbn.lists@gmail.com>

Copyright © 2004 Scott James Remnant <scott@netsplit.com>.

Copyright Google, Inc. 2013

Copyright 2006 Mechanic Author

Copyright (c) 2003-2013 Patrick McHardy <kaber@trash.net>

Copyright (c) 2009 Steven G. Johnson <stevenj@alum.mit.edu>

Copyright (c) 2009 Mike Frysinger <vapier@gentoo.org>

Copyright (c) 2009 Matteo Frigo

Copyright (c) 2007 Sven Schnelle <svens@bitebene.org>

Copyright (c) 2003-2005 Evgeniy Polyakov <johnpol@2ka.mxt.ru>

Copyright (c) 2003 Evgeniy Polyakov <zbr@ioremap.net>

Copyright (c) 2000-2001 Netfilter Core Team.

Copyright (c) 2000 Marc Boucher

Copyright (C) 2006 USAGI/WIDE Project

Copyright (C) 2010-2014 Free Software Foundation, Inc. Written by Peter Rosin

(peda@lysator.liu.se)

Copyright (C) 2010 Nokia Corporation. All rights reserved.

Copyright (C) 2006 Red Hat, Inc., James Morris <jmorris@redhat.com>

Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc.

Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.

Copyright (C) 1989-2011 -2015 Free Software Foundation, Inc.

Copyright (C) 2004, 2010 Nokia Corporation Written by Timo Teras <ext-

timo.teras@nokia.com>

Copyright (C) 2003-2011 Jozsef Kadlecsek <kadlec@blackhole.kfki.hu>

Copyright (C) 2002-2008 BalaBit IT Ltd.

Copyright (C) 2002,2004 MARA Systems AB <<http://www.marasystems.com>> by Henrik

Nordstrom <hno@marasystems.com>

Copyright (C) 2000-2002 Joakim Axelsson <gozem@linux.nu> Patrick Schaaf <bof@bof.de>

Martin Josefsson <gandalf@wlug.westbo.se>

Copyright (C) 2000 Emmanuel Roger <winfield@freegates.be>

Copyright (C) 1999 Paul Rusty Russell & Michael J. Neuling

Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Gordon Matzigkeit, 1996

Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

(c) 2014 by Pablo Neira Ayuso <pablo@netfilter.org>

(C) Copyright 2016-2018 , Arturo Borrero Gonzalez <arturo@netfilter.org>

(C) Copyright 2003 by Mike Frantzen <frantzen@w4g.org>

(C) Copyright 2000-2003 by Michal Zalewski <lcantuf@coredump.cx>

(C) 2009-2014 by Pablo Neira Ayuso <pablo@netfilter.org>
 (C) 2013-2014 by Giuseppe Longo <giuseppelng@gmail.com>
 (C) 2013 by Tomasz Bursztyka <tomasz.bursztyka@linux.intel.com>
 (C) 2012 by Hans Schillstrom <hans.schillstrom@ericsson.com>
 (C) 2011 by Patrick McHardy <kaber@trash.net>
 (C) 2011 by Intra2Net AG <http://www.intra2net.com>
 (C) 2010-2011, Thomas Graf <tgraf@redhat.com>
 (C) 2010-2011, Red Hat, Inc.
 (C) 2010-2011 Thomas Graf <tgraf@redhat.com>
 (C) 2010-2011 Red Hat, Inc.
 (C) 2010 by Red Hat, Inc Author: Michael S. Tsirkin <mst@redhat.com>
 (C) 2010 Red Hat Inc Author: Michael S. Tsirkin <mst@redhat.com>
 (C) 2008 Adam Nielsen <a.nielsen@shikadi.net>
 (C) 2006 Ufo Mechanic <azez@ufomechanic.net>
 (C) 2002-2005 Harald Welte <laforge@netfilter.org>
 (C) 2004, Bart De Schuymer <bdschuym@pandora.be> libxt_NFLOG.c
 (C) 2002-2005 by Harald Welte <laforge@netfilter.org>
 (C) 2000-2003 by Harald Welte <laforge@gnumonks.org>
 (C) 2002,2004 MARA Systems AB
 (C) 2002 by Don Cohen <don-netf@isis.cs3-inc.com>
 (C) 2002 Harald Welte <laforge@gnumonks.org>
 (C) 2001 Marc Boucher (marc@mbsi.ca).
 (C) 2000-2006 by the netfilter coreteam <coreteam@netfilter.org>:
 (C) 2000-2004 by the Netfilter Core Team <coreteam@netfilter.org>
 (C) 2000-2002 by the netfilter coreteam
 (C) 2000 by Matthew G. Marsh <mgm@paktronix.com>
 (C) 2000 by Harald Welte <laforge@gnumonks.org> */
 (C) 2000 Jozsef Kadlecsek <kadlec@blackhole.kfki.hu>
 (C) 2000 James Morris
 (C) 1999 by Paul 'Rusty' Russell <rusty@rustcorp.com.au> and
 (C) 1999 Paul Rusty Russell

1.26.2 Acknowledgements

To the extent files may be licensed under GPL-2.0 or later, in this context GPL-2.0 has been chosen.

This shall not restrict the freedom of future contributors to choose GPL-2.0 or later.

To the extent files may be licensed under GPL-2.0 or GPL-3.0, in this context GPL-2.0 has been chosen.

This shall not restrict the freedom of future contributors to choose GPL-3.0.

To the extent files may be licensed under LGPL-2.0 or later, in this context LGPL-2.0 has been chosen.

This shall not restrict the freedom of future contributors to choose LGPL-2.0 or later.

1.26.3 Licenses

1.26.3.1 *GPL-2.0*

To the extent files may be licensed under GPL-2.0 or later, in this context GPL-2.0 has been chosen.

This shall not restrict the freedom of future contributors to choose GPL-2.0 or later.

1.26.3.2 *GPL-2.0*

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter,

translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.26.3.3 *GPL-2.0-with-Linux-syscall-note*

GPL-2.0-with-Linux-syscall-note
License Fullname
GPL-2.0-with-Linux-syscall-note
Risk level:
0
License Text
Linux-syscall-note

NOTE! This copyright does **not** cover user programs that use kernel services by normal
system calls - this is merely considered normal use of the kernel, and does **not** fall
under the heading of "derived work". Also note that the GPL below is copyrighted by
the Free Software Foundation, but the instance of code that it refers to (the Linux
kernel) is copyrighted by me and others who actually wrote it.

Also note that the only valid version of the GPL as far as the kernel is concerned is
this particular version of the license (ie v2, not v2.2 or v3.x or whatever), unless
explicitly otherwise stated.

Linus Torvalds

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work

based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source

code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.26.3.4 LGPL-2.0

```
** The NYS Library is free software; you can redistribute it and/or
** modify it under the terms of the GNU Library General Public License as
** published by the Free Software Foundation; either version 2 of the
** License, or (at your option) any later version.
```

1.27 jitterentropy-rngd 1.1.0

1.27.1 Copyrights

Copyright Stephan Mueller <smueller@chronox.de>, 2013-2014 - 2019

Copyright (c) 2017 - 2019 by Stephan Mueller (smueller@chronox.de)

Copyright (C) 2017 - 2019, Stephan Mueller <smueller@chronox.de>

1.27.2 Acknowledgements

To the extent files may be licensed under BSD-3-Clause or GPL-2.0, in this context BSD-3-Clause has been chosen.

This shall not restrict the freedom of other users to choose either BSD-3-Clause or GPL-2.0 license.

To the extent files may be licensed under BSD-3-Clause or GPL-2.0, in this context BSD-3-Clause has been chosen.

This shall not restrict the freedom of other users to choose either BSD-3-Clause or GPL-2.0 license.

1.27.3 Licenses

1.27.3.1 *Dual License - BSD-3-Clause(Author) or GPL-2.0*

Copyright (C) 2017 - 2019, Stephan Mueller <smueller@chronox.de>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License, in which case the provisions of the GPL2 are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential bad interaction between the GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF NOT ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.27.3.2 *Dual License - BSD-3-Clause(Author) or GPL-2.0*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License, in which case the provisions of the GPL are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential bad interaction between the GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF NOT ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.27.3.3 *Permission Notice*

Permission Notice

1.27.3.4 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.27.3.5 *GPL-2.0*

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some

other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or

work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under

this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free

Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something

other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.28 JSONCPP 1.9.4

1.28.1 Copyrights

Copyright 2007-2011 Baptiste Lepilleur and The JsonCpp Authors

Copyright 2007-2019 The JsonCpp Authors

Copyright (C) 2016 InfoTeCS JSC. All rights reserved.

1.28.2 Licenses

1.28.2.1 *Public-domain*

The JsonCpp library's source code, including accompanying documentation, tests and demonstration applications, are licensed under the following conditions...

Baptiste Lepilleur and The JsonCpp Authors explicitly disclaim copyright in all jurisdictions which recognize such a disclaimer. In such jurisdictions, this software is released into the Public Domain.

In jurisdictions which do not recognize Public Domain property (e.g. Germany as of 2010), this software is Copyright (c) 2007-2010 by Baptiste Lepilleur and The JsonCpp Authors, and is released under the terms of the MIT License (see below).

In jurisdictions which recognize Public Domain property, the user of this software may choose to accept it either as 1) Public Domain, 2) under the conditions of the MIT License (see below), or 3) under the terms of dual Public Domain/MIT License conditions described here, as they choose.

1.28.2.2 *MIT*

The full text of the MIT License follows:

```
=====
Copyright (c) 2007-2010 Baptiste Lepilleur and The JsonCpp Authors
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====
(END LICENSE TEXT)

The MIT license is compatible with both the GPL and commercial software, affording one all of the rights of Public Domain with the minor nuisance of being required to keep the above copyright notice and license text in the source code. Note also that by accepting the Public Domain "license" you can re-license your copy using whatever license you like.

1.29 kmod 26

1.29.1 Copyrights

Copyright Jon Masters, and others.
Copyright 2014, Marco d'Itri. Maintained by Lucas De Marchi and others.
Copyright 2010 Ran Benita
Copyright 2010 Lennart Poettering
Copyright 2006-2010, Jon Masters, Red Hat, Inc.
Copyright 2002-2004 , Rusty Russell, IBM Corporation. Maintained by Jon Masters and others.
Copyright 2002, Rusty Russell, IBM Corporation. Portions Copyright Jon Masters, and others.
Copyright (C) 2013-2016 Intel Corporation. All rights reserved.
Copyright (C) 2013 Tom Gundersen <teg@jklm.no>
Copyright (C) 2013 Michal Marek, SUSE
Copyright (C) 2011-2013 ProFUSION embedded systems
Copyright (C) 2012 W. Trevor King <wking@tremily.us>
Copyright (C) 2012 Red Hat, Inc. W. Trevor King <wking@tremily.us>
Copyright (C) 2012 Lucas De Marchi <lucas.de.marchi@gmail.com>
Copyright (C) 2008 Alan Jenkins <alan-jenkins@tuffmail.co.uk>.
Copyright (C) 2004-2012 Kay Sievers <kay@vrfy.org>
Copyright (C) 1989-1999 Free Software Foundation, Inc.

1.29.2 Licenses

1.29.2.1 LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or

work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.29.2.2 LGPL-2.1

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered

independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work

also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any

later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

< one line to give the library's name and an idea of what it does. >

Copyright (C) < year > < name of author >

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in

the library `Frob' (a library for tweaking knobs) written

by James Random Hacker.

< signature of Ty Coon > , 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.29.2.3 GPL-2.0

GNU General Public License, version 2

What to do if you see a possible GPL violation

Translations of the GPL

GPL Frequently Asked Questions

The GNU General Public License (GPL) in plain text format

The GNU General Public License (GPL) in Texinfo format

The GNU General Public License (GPL) in LaTeX format

The GNU General Public License (GPL) as an appendix in DocBook format

Table of Contents

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions

for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you

cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.29.2.4 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work

based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source

code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.30 libcap 2.32

1.30.1 Copyrights

Copyright (c) 2008-11,16,19,2020 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1997-2008 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1998 Finn Arne Gangstad <finnag@guardian.no>
Copyright (c) 1997-8,2008 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1997-8,2007-8,2019 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997-8,2007,2011,19,20 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997-8,2007,2019 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1997-8,2019 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997-2007 -8 Andrew G. Morgan <morgan@kernel.org>
Copyright (c) 1997,2007,2016 Andrew G Morgan <morgan@kernel.org>
Copyright (c) 1997 Andrew Main <zefram@dcs.warwick.ac.uk>
Copyright (c) 1997 Andrew G Morgan <morgan@kernel.org>
Copyright (C) 2010 Serge Hallyn <serue@us.ibm.com>
Copyright (C) 1997-8,2008,2019 Andrew G. Morgan <morgan@kernel.org>
Copyright (C) 1997 Aleph One
Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.30.2 Acknowledgements

To the extent files may be licensed under BSD-3-Clause OR GPL-2.0, in this context BSD-3-Clause has been chosen.

This shall not restrict the freedom of other users to choose either BSD-3-Clause OR GPL-2.0.

To the extent files may be licensed under BSD-3-Clause OR LGPL-2.0, in this context BSD-3-Clause has been chosen.

This shall not restrict the freedom of other users to choose either BSD-3-Clause OR LGPL-2.0.

1.30.3 Licenses

1.30.3.1 Dual license - BSD-3-Clause or GPL-2.0

Redistribution and use in source and binary forms of libcap, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain any existing copyright notice, and this entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce all prior and current copyright notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of any author may not be used to endorse or promote products derived from this software without their specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License (v2.0 - see below), in which case the provisions of the GNU GPL are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential conflict between the GNU GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.30.3.2 Dual license-BSD-3-clause or LGPL-2.0

Redistribution and use in source and binary forms of this module, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain any existing copyright notice, and this entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce all prior and current copyright notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of any author may not be used to endorse or promote products derived from this software without their specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU Library General Public License, in which case the provisions of

the GNU LGPL are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential conflict between the GNU LGPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.31 libgcc 9.3.0

1.31.1 Copyrights

Copyright (c) 1991 The Regents of the University of California. All rights reserved.
Copyright (C) 2018-2019 Free Software Foundation, Inc. Contributed by Stafford Horne.
Copyright (C) 2018-2019 Free Software Foundation, Inc. Contributed by C-SKY Microsystems and Mentor Graphics.
Copyright (C) 2018-2019 Free Software Foundation, Inc. Contributed by Alexandre Oliva <oliva@adacore.com>
Copyright (C) 1989-2019 Free Software Foundation, Inc.
Copyright (C) 2017-2019 Free Software Foundation, Inc. Contributed by Sebastian Perta.
Copyright (C) 2014-2019 Free Software Foundation, Inc. Contributed by John Marino <gnugcc@marino.st>
Copyright (C) 2009-2019 Free Software Foundation, Inc. Contributed by ARM Ltd.
Copyright (C) 2016-2019 Free Software Foundation, Inc. This file is part of the GNU C Library. Contributed by Michael Meissner (meissner@linux.vnet.ibm.com).
Copyright (C) 1994-2019 Free Software Foundation, Inc. Contributor: Joern Rennecke <joern.renncke@embecosm.com> on behalf of Synopsys Inc.
Copyright (C) 2016-2019 Free Software Foundation, Inc. Contributed by Steven Munroe (munroesj@linux.vnet.ibm.com)
Copyright (C) 2016-2019 Free Software Foundation, Inc. Contributed by Michael Meissner (meissner@linux.vnet.ibm.com) Code is based on the main soft-fp library written by: Richard Henderson (rth@cygnus.com) and Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 2016-2019 Free Software Foundation, Inc. Contributed by Daniel Santos <daniel.santos@pobox.com>
Copyright (C) 2015-2019 Free Software Foundation, Inc. Contributed by Mentor Graphics.
Copyright (C) 2015-2019 Free Software Foundation, Inc. Contributed by Marcin Koscielnicki <koriakin@0x04.net>.
Copyright (C) 2014-2019 Free Software Foundation, Inc. Contributed by Rong Xu <xur@google.com>.
Copyright (C) 2005-2019 Free Software Foundation, Inc. Contributed by Red Hat.
Copyright (C) 2012-2019 Free Software Foundation, Inc. Contributed by Andes Technology Corporation.
Copyright (C) 2013-2019 Free Software Foundation, Inc. Written by David Edelsohn, IBM.
Copyright (C) 2013-2019 Free Software Foundation, Inc. DMULT/DDIV replacement support by Juergen Urban, JuergenUrban@gmx.de.
Copyright (C) 2012-2019 Free Software Foundation, Inc. Contributed by Altera and Mentor Graphics, Inc.
Copyright (C) 2012-2019 Free Software Foundation, Inc. Written by Alan Modra, IBM
Copyright (C) 2012-2019 Free Software Foundation, Inc. Contributed by Sriraman Tallam (tmsriram@google.com)

Copyright (C) 2012-2019 Free Software Foundation, Inc. Contributed by Sean D'Epagnier (sean@depagnier.com) Georg-Johann Lay (avr@gjlay.de)

Copyright (C) 2012-2019 Free Software Foundation, Inc. Contributed by KPIT Cummins Infosystems Limited.

Copyright (C) 2012-2019 Free Software Foundation, Inc. Contributed by Jonah Graham (jgraham@altera.com). Contributed by Mentor Graphics, Inc.

Copyright (C) 2011-2019 Free Software Foundation, Inc. Contributed by Walter Lee (walt@tilera.com)

Copyright (C) 2011-2019 Free Software Foundation, Inc. Contributed by Iain Sandoe <iains@gcc.gnu.org>

Copyright (C) 1995-2019 Free Software Foundation, Inc. Contributed by Embecosm on behalf of Adapteva, Inc.

Copyright (C) 2010-2019 Free Software Foundation, Inc. Contributed by Bernd Schmidt <bernds@codesourcery.com>

Copyright (C) 2011-2019 Free Software Foundation, Inc. Based on code contributed by CodeSourcery for ARM EABI Linux.

Copyright (C) 2003-2019 Free Software Foundation, Inc. Contributed by CodeSourcery, LLC

Copyright (C) 2009-2019 Free Software Foundation, Inc. Contributed by Maciej W. Rozycki <macro@linux-mips.org>.

Copyright (C) 2009-2019 Free Software Foundation, Inc. Contributed by Ian Lance Taylor <iant@google.com>.

Copyright (C) 2009-2019 Free Software Foundation, Inc. Contributed by Alan Modra <amodra@gmail.com>.

Copyright (C) 2008-2019 Free Software Foundation, Inc. Written by Nathan Froyd

Copyright (C) 2006-2019 Free Software Foundation, Inc. Contributed by CodeSourcery.

Copyright (C) 2008-2019 Free Software Foundation, Inc. Based on code contributed by CodeSourcery for ARM EABI Linux. Modifications for PA Linux by Helge Deller <deller@gmx.de>

Copyright (C) 2000-2019 Free Software Foundation, Inc. Contributed by Richard Henderson <rth@cygnus.com>

Copyright (C) 2007-2019 Free Software Foundation, Inc. Contributed by Pascal Obry <obry@adacore.com>

Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Uros Bizjak (ubizjak@gmail.com).

Copyright (C) 2006-2019 Free Software Foundation, Inc. Contributed by Nigel Stephens <nigel@mips.com>

Copyright (C) 2001-2019 Free Software Foundation, Inc. Contributed by Jakub Jelinek <jakub@redhat.com>.

Copyright (C) 2001-2019 Free Software Foundation, Inc. Contributed by Bob Wilson (bwilson@tensilica.com) at Tensilica.

Copyright (C) 2006-2018 Free Software Foundation, Inc. Contributed by Joseph Myers (joseph@codesourcery.com).

Copyright (C) 2005-2019 Free Software Foundation, Inc. Contributed by Analog Devices.

Copyright (C) 2003-2019 Free Software Foundation, Inc. Contributed by Paul Brook

Copyright (C) 2004-2019 Free Software Foundation, Inc. Contributed by P.J. Darcy (darcypj@us.ibm.com).

Copyright (C) 2004-2019 Free Software Foundation, Inc. Contributed by Douglas B Rupp <rupp@gnat.com>

Copyright (C) 2003-2019 Free Software Foundation, Inc. Contributed by Nicolas Pitre (nico@fluxnic.net)

Copyright (C) 2002-2019 Free Software Foundation, Inc. Contributed by Zack Weinberg <zack@codesourcery.com>

Copyright (C) 2002-2019 Free Software Foundation, Inc. Contributed by John David Anglin (dave.anglin@nrc.ca).

Copyright (C) 2001-2019 Free Software Foundation, Inc. Contributed by Douglas B. Rupp (rupp@gnat.com).
Copyright (C) 2002-2019 Free Software Foundation, Inc. Contributed by Aldy Hernandez <aldy@quesejoda.com>.
Copyright (C) 2001-2019 Free Software Foundation, Inc. Written By Nick Clifton
Copyright (C) 2001-2019 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@redhat.com)
Copyright (C) 2001-2019 Free Software Foundation, Inc. Contributed by Hans-Peter Nilsson <hp@bitrange.com>
Copyright (C) 2001-2019 Free Software Foundation, Inc. Contributed by David S. Miller (davem@redhat.com)
Copyright (C) 2001-2019 Free Software Foundation, Inc. Contributed by David Mosberger <davidm@hpl.hp.com>.
Copyright (C) 2000-2019 Free Software Foundation, Inc. Written By Timothy Wall
Copyright (C) 1999-2019 Free Software Foundation, Inc. Contributed by Red Hat, Inc.
Copyright (C) 2000-2019 Free Software Foundation, Inc. Contributed by Jes Sorensen, <Jes.Sorensen@cern.ch>
Copyright (C) 2000-2019 Free Software Foundation, Inc. Contributed by James E. Wilson <wilson@cygnus.com>.
Copyright (C) 1999-2019 Free Software Foundation, Inc. Contributed by Mumit Khan <khan@xraylith.wisc.edu>.
Copyright (C) 1999-2019 Free Software Foundation, Inc. Contributed by Hartmut Penner (hpenner@de.ibm.com) and Ulrich Weigand (uweigand@de.ibm.com).
Copyright (C) 1999-2019 Free Software Foundation, Inc. Contributed by Charles-Antoine Gauthier (charles.gauthier@iit.nrc.ca).
Copyright (C) 1999-2019 Free Software Foundation, Inc. Contributed by Andrew MacLeod <amacleod@cygnus.com> Andrew Haley <aph@cygnus.com>
Copyright (C) 1999-2018 Free Software Foundation, Inc. Contributed by Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 1998-2019 Free Software Foundation, Inc. Contributed by Denis Chertykov <chertykov@gmail.com>
Copyright (C) 1997-2019 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com) and Jakub Jelinek (jj@ultra.linux.cz).
Copyright (C) 1997-2019 Free Software Foundation, Inc. Contributed by Mike Stump <mrs@wrs.com>.
Copyright (C) 1997-2019 Free Software Foundation, Inc. Contributed by Jason Merrill <jason@cygnus.com>.
Copyright (C) 1997-2019 Free Software Foundation, Inc. Contributed by Andrew MacLeod <amacleod@cygnus.com> Andrew Haley <aph@cygnus.com> David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 1997-2018 Free Software Foundation, Inc. This file is part of the GNU C Library.
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz), David S. Miller (davem@redhat.com) and Peter Maydell (pmaydell@chiark.greenend.org.uk).
Copyright (C) 1997-2018 Free Software Foundation, Inc. Contributed by Richard Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz) and Peter Maydell (pmaydell@chiark.greenend.org.uk).
Copyright (C) 1996-2019 Free Software Foundation, Inc. Written By Steve Chamberlain
Copyright (C) 1995-2019 Free Software Foundation, Inc. Written By Michael Meissner
Copyright (C) 1996-2019 Free Software Foundation, Inc. Contributed by Cygnus Support
Copyright (C) 1995-2019 Free Software Foundation, Inc. Written By Michael Meissner 64-bit support written by David Edelsohn
Copyright (C) 1993-2019 Free Software Foundation, Inc. Written By Fred Fish, Nov 1992
Copyright (C) 1992-2019 Free Software Foundation, Inc. Written By David Vinayak Henkel-Wallace, June 1992

Copyright (C) 1991-2019 Free Software Foundation, Inc. Contributed by Ron Guilmette (rfg@segfault.us.com)

Copyright (C) 1991-2019 Free Software Foundation, Inc. Contributed by Ron Guilmette (rfg@monkeys.com).

Copyright (C) 1991 by Pipeline Associates, Inc. All rights reserved.

1.31.2 Licenses

1.31.2.1 *GPL-3.0+-with-GCC-exception-3.1*

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems

arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
 - b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
 - c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
 - d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.
- A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
 - b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
 - c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
 - d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
 - e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.
- A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a

product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work

from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in

connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

General information: <http://www.gnu.org/licenses/gcc-exception.html>

Copyright (C) 2009 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This GCC Runtime Library Exception ("Exception") is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file (the "Runtime Library") that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

1. Grant of Additional Permission.

You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

1.31.2.2 *GPL-3.0+-with-GCC-exception-2.0*

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or

other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see [<https://www.gnu.org/licenses/>](https://www.gnu.org/licenses/).

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain
conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<https://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<https://www.gnu.org/philosophy/why-not-lgpl.html>>.

This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3, or (at your option) any later version.

In addition to the permissions in the GNU General Public License, the Free Software Foundation gives you unlimited permission to link the compiled version of this file into combinations with other programs, and to distribute those combinations without any restriction coming from the use of this file. (The General Public License restrictions do apply in other respects; for example, they cover modification of the file, and distribution when not linked into a combine executable.

1.31.2.3 *Permission notice*

Permission is granted to do *anything* you want with this file, commercial or otherwise, provided this message remains intact. So there! I would appreciate receiving any updates/patches/changes that anyone makes, and am willing to be the repository for said changes (am I making a big mistake?).

1.31.2.4 *LGPL-2.1+-with-GCC-exception*

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and

use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the

freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be

optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a

derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not

specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

The GNU C Library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

In addition to the permissions in the GNU Lesser General Public License, the Free Software Foundation gives you unlimited permission to link the compiled version of this file into combinations with other programs, and to distribute those combinations without any restriction coming from the use of this file. (The Lesser General Public License restrictions do apply in other respects; for example, they cover modification of the file, and distribution when not linked into a combine executable.)

The GNU C Library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details. You should have received a copy of the GNU Lesser General Public License along with the GNU C Library; if not, see <<http://www.gnu.org/licenses/>>.

1.31.2.5 *Public Domain Notice:*

Public domain

1.31.2.6 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. [rescinded 22 July 1999]
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.32 libjpeg-turbo 2.0.4

1.32.1 Copyrights

copyright ACM and IEEE

copyright (C) 1991-2016, Thomas G. Lane, Guido Vollbeding. All Rights Reserved
Copyright 2016 Roger Leigh
Copyright 2016 Dmitry Marakasov
Copyright 2016 D. R. Commander
Copyright 2015 Alex Turbov
Copyright 2014 Rolf Eike Beer
Copyright 2014 Daniele E. Domenichelli
Copyright 2013 Dimitri John Ledkov
Copyright 2011, 2013-2015 Kitware, Inc.
Copyright 2011 Nikita Krupen'ko
Copyright 2011 Eric NOULARD
Copyright 2011 Alex Neundorf
Copyright 2009-2012 Pierre Ossman <ossman@cendio.se>
Copyright (c) 1998-2011 Marti Maria Saguer
Copyright (c) 1996-1997 by Agner Fog.
Copyright (C) 2011-2018 , D. R. Commander. All Rights Reserved.
Copyright (C) 2009-2019 D. R. Commander. All Rights Reserved.
Copyright (C)2015 Viktor Szathmáry. All Rights Reserved.
Copyright (C)2011- 2013-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2011-2013, 2017-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2011-2012, 2014-2015, 2017-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2011-2012, 2014-2015, 2017, 2019 D. R. Commander. All Rights Reserved.
Copyright (C)2011, 2013-2015 D. R. Commander. All Rights Reserved.
Copyright (C)2011, 2013, 2018 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2015, 2017 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2014, 2017-2019 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2014, 2016-2018 D. R. Commander. All Rights Reserved.
Copyright (C)2009-2011, 2013, 2016 D. R. Commander. All Rights Reserved.
Copyright (C) 2018, Matthieu Darbois. All Rights Reserved.
Copyright (C) 2015-2018 , Matthieu Darbois.
Copyright (C) 2009-2019 , D. R. Commander.
Copyright (C) 2016-2018 , Loongson Technology Corporation Limited, BeiJing. All Rights Reserved.
Copyright (C) 2016-2017, Loongson Technology Corporation Limited, BeiJing.
Copyright (C) 2014-2016 , Siarhei Siamashka. All Rights Reserved.
Copyright (C) 2015-2016, 2018, Matthieu Darbois. All Rights Reserved.
Copyright (C) 2015-2016, 2018, Matthieu Darbois.
Copyright (C) 2009-2016 , 2018, D. R. Commander.
Copyright (C) 2015-2016, 2018 Matthieu Darbois
Copyright (C) 2015, Intel Corporation.
Copyright (C) 2015, Google, Inc.
, 2011-2019 , D. R. Commander.
Copyright (C) 2015 Intel Corporation
Copyright (C) 2015 Google, Inc.
Copyright (C) 2014-2015, 2018, D. R. Commander. All Rights Reserved.
Copyright (C) 2014-2015, 2017, 2019, D. R. Commander.
Copyright (C) 2013-2014 , Linaro Limited.
Copyright (C) 2014, Jay Foad. All Rights Reserved.
Copyright (C) 2013-2014, MIPS Technologies, Inc., California. All Rights Reserved.
Copyright (C) 2013-2014 , MIPS Technologies, Inc., California.
Copyright (C) 2013-2014 , Linaro Limited. All Rights Reserved.
Copyright (C) 2013-2014 MIPS Technologies, Inc.
Copyright (C) 2013 Linaro Limited
Copyright (C) 2011-2016 Siarhei Siamashka
Copyright (C) 2011, Nokia Corporation and/or its subsidiary(-ies).

, 2014-2016 , 2018, D. R. Commander.
Copyright (C) 2010-2011, 2015-2016, D. R. Commander.
Copyright (C) 2010-2011, 2013-2017, D. R. Commander.
Copyright (C) 2010, 2013-2014, 2017, D. R. Commander.
Copyright (C) 2009-2018 D. R. Commander
Copyright (C) 2009- 2011-2016 , D. R. Commander.
Copyright (C) 2009-2011, Nokia Corporation and/or its subsidiary(-ies). All Rights Reserved.
Copyright (C) 2009-2011, 2016, 2018, D. R. Commander.
Copyright (C) 2009-2011, 2014-2017, D. R. Commander.
Copyright (C) 2009-2011, 2014-2016, D. R. Commander.
Copyright (C) 2009-2011, 2014-2016, 2018, D. R. Commander.
Copyright (C) 2009-2011, 2014, 2016, 2018, D. R. Commander.
Copyright (C) 2009-2011, 2013-2014, 2016-2017, D. R. Commander.
Copyright (C) 2009-2011, 2013-2014, 2016, 2018, D. R. Commander.
Copyright (C) 2009-2011 Nokia Corporation and/or its subsidiary(-ies)
Copyright (C) 2009, 2011-2012, 2014-2015, D. R. Commander.
Copyright (C) 2009 by Dimitri van Heesch.
Copyright (C) 2009 Pierre Ossman for Cendio AB
Copyright (C) 2003-2008 Greg Valure
Copyright (C) 1999-2006, MIYASAKA Masaru.
Copyright (C) 1999-2006 MIYASAKA Masaru
Copyright (C) 1991-2013 , Thomas G. Lane, Guido Vollbeding.
Copyright (C) 1997-1998, Thomas G. Lane, Todd Newman.
Copyright (C) 1991-1998 , Thomas G. Lane.
Copyright (C) 1991-2018 The libjpeg-turbo Project and many others
Copyright (C) 1991-2016 Thomas G. Lane, Guido Vollbeding
Copyright (C) 1991-1998, Thomas G. Lane. Modified 2003-2011 by Guido Vollbeding.
Copyright (C) 1991-1998 , Thomas G. Lane. Modified 2003-2010 by Guido Vollbeding.
Copyright (C) 1991-1998, Thomas G. Lane. Modified 2003-2008 by Guido Vollbeding.
Copyright (C) 1991-1998 , Thomas G. Lane. Modified 2002-2009 by Guido Vollbeding.
Copyright (C) 1991-1998, Thomas G. Lane. Modification developed 2002-2009 by Guido Vollbeding.
Copyright (C) 1991-1997, Thomas G. Lane. Modified 2013 by Guido Vollbeding.
Copyright (C) 1991-1997, Thomas G. Lane. Modified 2011 by Guido Vollbeding.
Copyright (C) 1991-1997, Thomas G. Lane. Modified 2009 by Bill Allombert, Guido Vollbeding.
Copyright (C) 1988-1989 by Jef Poskanzer.

1.32.2 Acknowledgements

If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated.
GIF(sm) is a Service Mark property of
CompuServe Incorporated."

"derived from the RSA Data
Security, Inc. MD5 Message-Digest Algorithm"

1.32.3 Licenses

1.32.3.1 Zlib

zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.2, October 3rd, 2004

Copyright (C) 1995-2004 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly jloup@gzip.org
Mark Adler madler@alumni.caltech.edu

1.32.3.2 BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the libjpeg-turbo Project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.32.3.3 IJG

Independent JPEG Group License

LEGAL ISSUES
=====

In plain English:

1. We don't promise that this software works. (But if you find any bugs,

please let us know!)

2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane.
All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.)

So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of
CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."

1.32.3.4 Notice

This section provides a roll-up of the libjpeg-turbo licensing terms, to the best of our understanding.

libjpeg-turbo Licenses
=====

libjpeg-turbo is covered by three compatible BSD-style open source licenses:

- The IJG (Independent JPEG Group) License, which is listed in [README.ijg] (README.ijg)

This license applies to the libjpeg API library and associated programs (any code inherited from libjpeg, and any modifications to that code.)

- The Modified (3-clause) BSD License, which is listed below

This license covers the TurboJPEG API library and associated programs, as well as the build system.

- The zlib License, which is listed below

This license is a subset of the other two, and it covers the libjpeg-turbo SIMD extensions.

1.32.3.5 Public Domain Notice:

This code implements the MD5 message-digest algorithm. The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed. This code is in the public domain; do with it what you wish.

1.32.3.6 Permission Notice

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. This software is provided "as is" without express or implied warranty.

1.32.3.7 Beerware

"THE BEER-WARE LICENSE" (Revision 42):
<phk@FreeBSD.org> wrote this file. As long as you retain this notice you can do whatever you want with this stuff. If we meet some day, and you think this stuff is worth it, you can buy me a beer in return. Poul-Henning Kamp

1.33 libmnl 1.0.4

1.33.1 Copyrights

Copyright 1992-2014 Free Software Foundation, Inc.
Copyright (C) 1991-2014 Free Software Foundation, Inc.
, 2007-2011 Free Software Foundation, Inc.
Copyright (C) 2004, 2005, 2007, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009,
2010, 2011 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
(C) 2008-2012 by Pablo Neira Ayuso <pablo@netfilter.org>

1.33.2 Licenses

1.33.2.1 LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public Licenses are intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users.

This license, the Lesser General Public License, applies to some specially designated
software packages--typically libraries--of the Free Software Foundation and other
authors who decide to use it. You can use it too, but we suggest you first think
carefully about whether this license or the ordinary General Public License is the
better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our
General Public Licenses are designed to make sure that you have the freedom to
distribute copies of free software (and charge for this service if you wish); that you
receive source code or can get it if you want it; that you can change the software and
use pieces of it in new free programs; and that you are informed that you can do these
things.

To protect your rights, we need to make restrictions that forbid distributors to deny
you these rights or to ask you to surrender these rights. These restrictions translate
to certain responsibilities for you if you distribute copies of the library or if you
modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you
must give the recipients all the rights that we gave you. You must make sure that
they, too, receive or can get the source code. If you link other code with the
library, you must provide complete object files to the recipients, so that they can
relink them with the library after making changes to the library and recompiling it.
And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a

copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy,

distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.34 libpcap 1.9.1

1.34.1 Copyrights

Copyright 1992-2018 Free Software Foundation, Inc.
Copyright 1991 by the Massachusetts Institute of Technology
Copyright 1989 by Carnegie Mellon.
Copyright (c) 2018- The TCPdump Group All rights reserved.
Copyright (c) 2017 Pure Storage, Inc. All rights reserved.

Copyright (c) 2014 Michal Labedzki for Tieto Corporation All rights reserved.
 Copyright (c) 2013, Petar Alilovic, Faculty of Electrical Engineering and Computing, University of Zagreb All rights reserved
 Copyright (c) 2013, Michal Sekletar All rights reserved.
 Copyright (c) 2011-2012 Jakub Zawadzki All rights reserved.
 Copyright (c) 2008 Gábor Stefanik
 Copyright (c) 2007, 2008 Johannes Berg
 Copyright (c) 2007 Mike Kershaw
 Copyright (c) 2007 Fulko Hew, SITA INC Canada, Inc <fulko.hew@sita.aero>
 Copyright (c) 2007 Andy Lutomirski
 Copyright (c) 2006 Paolo Abeni (Italy) All rights reserved.
 Copyright (c) 2005-2009 CACE Technologies
 Copyright (c) 2005-2010 CACE Technologies, Davis (California) All rights reserved.
 Copyright (c) 2005 - 2009 CACE Technologies, Inc. Davis (California) All rights reserved.
 Copyright (c) 2002-2005 Sam Leffler, Erno Consulting All rights reserved.
 Copyright (c) 1999-2005 NetGroup, Politecnico di Torino (Italy)
 Copyright (c) 2002 - 2003 NetGroup, Politecnico di Torino (Italy) All rights reserved.
 Copyright (c) 2001 Atsushi Onoe
 Copyright (c) 2000 Torsten Landschoff <torsten@debian.org> Sebastian Krahmer
 <krahmer@cs.uni-potsdam.de>
 Copyright (c) 1998, 2015 Todd C. Miller <Todd.Miller@courtesan.com>
 Copyright (c) 1998 Softweyr LLC. All rights reserved.
 Copyright (c) 1997 Yen Yen Lim and North Dakota State University All rights reserved.
 Copyright (c) 1996 Juniper Networks, Inc. All rights reserved.
 Copyright (c) 1995-1999 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden). All rights reserved.
 Copyright (c) 1995, 1996, 1997, 1998 dnl The Regents of the University of California. All rights reserved. dnl dnl Redistribution and use in source and binary forms, with or without dnl modification, are permitted provided that: (1) source code distributions
 , 1994-1998 The Regents of the University of California. All rights reserved.
 Copyright (c) 1988-1996 The Regents of the University of California. All rights reserved.
 Copyright (c) 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved.
 Copyright (c) 1994, 1995, 1996, 1997 dnl The Regents of the University of California. All rights reserved. dnl dnl Process this file with autoconf to produce a configure script. dnl
 Copyright (c) 1993, 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved.
 Copyright (c) 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
 Copyright (c) 1990-1992 , 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
 Copyright (c) 1990, 1991, 1992, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
 Copyright (c) 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved.
 Copyright (c) 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
 Copyright (c) 1990, 1991, 1992, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
 Copyright (c) 1989, 1990, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
 Copyright (c) 1988, 1989, 1990, 1991, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
 Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 2000\n\n The Regents of the University of California. All rights reserved.\n"; endif

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 2000 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.

Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.

Copyright (c) 1987, 1988, 1989, 1990, 1991, 1992, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved. All rights reserved.

Copyright (c) 1982, 1986, 1993 The Regents of the University of California. All rights reserved.

Copyright (C) 2017 Ali Abdulkadir <autostart.ini@gmail.com>.

Copyright (C) 2016 Julian Andres Klode <jak@debian.org>.

Copyright (C) 2014 Luigi Rizzo. All rights reserved.

Copyright (C) 2012 Free Software Foundation, Inc. This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it. ACEOF
exit fi

Copyright (C) 2012 Free Software Foundation, Inc. This config.status script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it."

Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.

1.34.2 Acknowledgements

To the extent files may be licensed under GNU General Public License version 2 and BSD-3 Clause, in this context BSD-3 clause License has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or BSD-3 clause.

1.34.3 Licenses

1.34.3.1 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.34.3.2 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote

products derived from this software without specific prior written permission.

1.34.3.3 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that: (1) source code distributions retain the above copyright notice and this paragraph in its entirety, (2) distributions including binary code include the above copyright notice and this paragraph in its entirety in the documentation or other materials provided with the distribution, and (3) all advertising materials mentioning features or use of this software display the following acknowledgement:

``This product includes software developed by the University of California, Lawrence Berkeley Laboratory and its contributors.'' Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.34.3.4 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Politecnico di Torino nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.5 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.6 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that: (1) source code distributions retain the above copyright notice and this paragraph in its entirety, (2) distributions including binary code include the above copyright notice and this paragraph in its entirety in the documentation or other materials provided with the distribution, and (3) all advertising materials mentioning features or use of this software display the following acknowledgement:

``This product includes software developed by the University of California, Lawrence Berkeley Laboratory and its contributors.'' Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.34.3.7 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.8 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the Politecnico di Torino, CACE Technologies nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.9 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notices, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notices, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY SFTWEYR LLC, THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL SFTWEYR LLC, THE REGENTS, OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.10 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.11 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of CACE Technologies nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.12 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Politecnico di Torino nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.13 *BSD-3-Clause*

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR

ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.34.3.14 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.34.3.15 *GPL-3.0+-with-autoconf-exception.*

This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, see <<https://www.gnu.org/licenses/>>.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program. This Exception is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3").

1.34.3.16 *MIT-style*

This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.34.3.17 *MIT-style*

Permission to use, copy, modify, and distribute this program for any purpose and without fee is hereby granted, provided that this copyright and permission notice appear on all copies and supporting documentation, the name of Carnegie Mellon not be used in advertising or publicity pertaining to distribution of the program without specific prior permission, and notice be given in supporting documentation that copying and distribution is by permission of Carnegie Mellon and Stanford University. Carnegie Mellon makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.34.3.18 *BSD-style*

Redistribution and use in source and binary forms are permitted provided that this notice is preserved and that due credit is given to the University of California at Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. This software is provided ``as is'' without express or implied warranty.

1.34.3.19 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that: (1) source code distributions retain the above copyright notice and this paragraph in its entirety, (2) distributions including binary code include the above copyright notice and this paragraph in its entirety in the documentation or other materials provided with the distribution. The name of Juniper Networks may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.34.3.20 *BSD-4-Clause-UC*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by Yen Yen Lim and North Dakota State University
4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.21 *BSD-4-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.22 *BSD-4-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the Computer Systems Engineering Group at Lawrence Berkeley Laboratory.
4. Neither the name of the University nor of the Laboratory may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.23 *BSD-4-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by Yen Yen Lim and North Dakota State University
4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.24 *BSD-4-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.25 *MIT*

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.34.3.26 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sub-license, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN

ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.34.3.27 *BSD-2-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.34.3.28 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.35 libpng 1.6.37

1.35.1 Copyrights

copyright Willem van Schaik, 1999-2019
copyright (C) 1999-2019 by Willem van Schaik willem at schaik dot com
Copyright © 2013,2015 John Cunningham Bowler
Copyright: (c) John Bowler, 2016
Copyright 1997-1997 Greg Roelofs (newt@pobox.com)
Copyright 2017-2018 Glenn Randers-Pehrson
Copyright 2016 Google Inc.

Copyright 2015 The Chromium Authors. All rights reserved.
Copyright 2000,2017 Willem van Schaik.
Copyright 2000, Willem van Schaik.
Copyright 1998-2007, Glenn Randers-Pehrson
Copyright 1997, Greg Roelofs (newt@pobox.com)
Copyright (c) Willem van Schaik, 1999, 2011, 2012 T Glenn Randers-Pehrson, 2012
Copyright (c) John Bowler, 2013
Copyright (c) 2018-2019 Cosmin Truta. br
Copyright (c) 2018-2019 Cosmin Truta.
Copyright (c) 2017-2018 Arm Holdings. All rights reserved. Richard Townsend
Richard.Townsend@arm.com, February 2017.
Copyright (c) 2017 Glenn Randers-Pehrson Written by Vadim Barkov, 2017.
Copyright (c) 1998-2018 Glenn Randers-Pehrson
Copyright (c) 2016-2017 Glenn Randers-Pehrson Written by Mike Klein and Matt Sarett,
Google, Inc.
Copyright (c) 2016-2017 Glenn Randers-Pehrson Written by Mike Klein and Matt Sarett
Copyright (c) 2016 Glenn Randers-Pehrson Written by Mandar Sahastrabuddhe, August 2016.
Copyright (c) 2016 Glenn Randers-Pehrson Written by Mandar Sahastrabuddhe, 2016.
Copyright (c) 2015,2017 Glenn Randers-Pehrson John Cunningham Bowler
Copyright (c) 2011-2017 John Cunningham Bowler
Copyright (c) 2014-2017 Glenn Randers-Pehrson Written by Mans Rullgard, 2011.
Copyright (c) 2014,2016 Glenn Randers-Pehrson Written by James Yu james.yu at linaro.org,
October 2013.
Copyright (c) 2014, 2017 Glenn Randers-Pehrson Written by John Bowler, 2014, 2017.
Copyright (c) 2014 Glenn Randers-Pehrson Mans Rullgard, 2011.
Copyright (c) 2014 Glenn Randers-Pehrson John Bowler, 2014.
Copyright (c) 2010,2013,2015 Glenn Randers-Pehrson
, 2010-2013 Glenn Randers-Pehrson
Copyright (c) 2006-11-28 Charles Poynton
Copyright (c) 2003 W3C. (MIT, ERCIM, Keio), All Rights Reserved.
Copyright (c) 2000-2008 Adam M. Costello and Cosmin Truta.
Copyright (c) 2000-2002 , 2004, 2006-2018 Glenn Randers-Pehrson.
Copyright (c) 1998-2015 Greg Roelofs. All rights reserved.
Copyright (c) 1998-2010, 2014-2015, 2017 Greg Roelofs. All rights reserved.
Copyright (c) 1998- 2007-2017 Greg Roelofs. All rights reserved.
Copyright (c) 1998-2002,2006-2016 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006-2018 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006-2017 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006- 2013-2018 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006-2014,2016,2018 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006-2013 Glenn Randers-Pehrson
Copyright (c) 1996-1997 Andreas Dilger.
Copyright (c) 1996, 1997 Andreas Dilger
Copyright (c) 1996 Massachusetts Institute of Technology.
Copyright (c) 1995-2019 The PNG Reference Library Authors.
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.
Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.
Copyright (c) 1995, 1996 Frank J. T. Wojcik December 18, 1995 and January 20, 1996
Copyright (C) 2018 Cosmin Truta
Copyright (C) 2014 Free Software Foundation, Inc. .
Copyright (C) 2007,2009-2018 Glenn Randers-Pehrson Written by Christian Ehrlicher, 2007
Revised by Roger Lowman, 2009-2010 Revised by Clifford Yapp, 2011-2012,2017 Revised by
Roger Leigh, 2016 Andreas Franek, 2016 Sam Serrels, 2017Vadim Barkov, 2017
Copyright (C) 2002, 2004, 2006, 2007 Glenn Randers-Pehrson
Copyright (C) 1994 X Consortium

Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1989-2012 Free Software Foundation, Inc.
COPYRIGHT 251 2013,2015 John Cunningham Bowler
COPYRIGHT John Cunningham Bowler, 2014.

1.35.2 Acknowledgements

This product includes software developed by Greg Roelofs and contributors for the book, "PNG: The Definitive Guide," published by O'Reilly and Associates.

1.35.3 Licenses

1.35.3.1 *libpng-2.0*

PNG Reference Library License version 2 -----

- * Copyright (c) 1995-2018 The PNG Reference Library Authors.
- * Copyright (c) 2018 Cosmin Truta.
- * Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- * Copyright (c) 1996-1997 Andreas Dilger.
- * Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

1.35.3.2 *GPL-2.0+-with-libtool-exception*

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public

License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three

years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED

TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

As a special exception to the GNU General Public License, if you distribute this file as part of a program or library that is built using GNU Libtool, you may include this file under the same distribution terms that you use for the rest of that program.

1.35.3.3 *Permission Notice*

This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.35.3.4 *Permission Notice*

This software may be modified only if its author and version information is updated accurately, and may be redistributed only if accompanied by this unaltered notice. Subject to those restrictions, permission is granted to anyone to do anything with this software. The copyright holders make no guarantees regarding this software, and are not responsible for any damage resulting from its use.

1.35.3.5 *License-of-GNU-Licenses*

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

1.35.3.6 *Public-domain*

FSF changes to this file are in the public domain.

1.35.3.7 *Public-domain*

Dedicated to the public domain per Creative Commons

1.35.3.8 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.35.3.9 *BSD-style*

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. Redistributions of source code must retain the above copyright notice, disclaimer, and this list of conditions.
2. Redistributions in binary form must reproduce the above copyright notice, disclaimer, and this list of conditions in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:

This product includes software developed by Greg Roelofs and contributors for the book, "PNG: The Definitive Guide," published by O'Reilly and Associates.

1.35.3.10 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.35.3.11 X11

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from the X Consortium.

1.35.3.12 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or

on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor

shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.36 libsodium 1.0.18

1.36.1 Copyrights

copyright (c) 2013-2019, Frank Denis
Copyright 2012-2013 Alexander Peslyak All rights reserved.
Copyright 2009 Colin Percival
Copyright 2005,2007,2009 Colin Percival All rights reserved.
Copyright (c) 2015 Thomas Pornin
Copyright (c) 2015 Enrico M. Crisostomo <enrico.m.crisostomo@gmail.com>
Copyright (c) 2014, 2015, 2016 Philip Withnall <philip.withnall@collabora.co.uk>
Copyright (c) 2013-2019 The libsodium authors.
Copyright (c) 2013-2019 Frank Denis <j at pureftpd dot org>
Copyright (c) 2011 Maarten Bosmans <mkbosmans@gmail.com>
Copyright (c) 2011 Daniel Richard G. <skunk@iSKUNK.ORG>
Copyright (c) 2010 Diego Elio Petteno <flameeyes@gmail.com>
Copyright (c) 2008 Steven G. Johnson <stevenj@alum.mit.edu>
Copyright (c) 2008 John Darrington <j.darrington@elvis.murdoch.edu.au>
Copyright (c) 2008 Guido U. Draheim <guidod@gmx.de>
Copyright (c) 2008 Alan Woodland <ajw05@aber.ac.uk>
Copyright (C) 2008-2013 Free Software Foundation, Inc.
Copyright 2013-2019 Frank Denis

1.36.2 Acknowledgements

To the extent files may be licensed under CC0, OpenSSL or Apache-2.0, in this context CC0 has been chosen.

This shall not restrict the freedom of other users to choose either CC0 , OpenSSL or Apache-2.0 license.

To the extent files may be licensed under MIT/X11, in this context MIT has been chosen.

This shall not restrict the freedom of other users to choose either MIT/X11 license.

1.36.3 Licenses

1.36.3.1 ISC

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.36.3.2 Triple License Notice(CC0, OpenSSL or Apache-2.0)

Copyright 2012, Samuel Neves <sneves@dei.uc.pt>.
You may use this under the terms of the CC0, the OpenSSL Licence, or the Apache Public License 2.0, at your option.
The terms of these licenses can be found at:

- CC0 1.0 Universal : <http://creativecommons.org/publicdomain/zero/1.0>
- OpenSSL license : <https://www.openssl.org/source/license.html>

- Apache 2.0 : <http://www.apache.org/licenses/LICENSE-2.0>

1.36.3.3 Dual License :MIT/X11

This is a code generator built using the iMatix GSL code generation language. See <https://github.com/imatix/gsl> for details. This script is licensed under MIT/X11.

1.36.3.4 Permission Notice

Permission Notice

1.36.3.5 Public-domain

Public domain

1.36.3.6 CC0-1.0

Creative Commons CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or

the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.36.3.7 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.36.3.8 OpenSSL

LICENSE ISSUES
=====

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License

=====
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"

4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.

5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.

6. Redistributions of any form whatsoever must retain the following acknowledgment:

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Original SSLeay License

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
All rights reserved.

This package is an SSL implementation written
by Eric Young (eay@cryptsoft.com).
The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are aheared to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed.
If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used.
This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. All advertising materials mentioning features or use of this software must display the following acknowledgement:

"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"

The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related :-).

4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The licence and distribution terms for any publically available version or
derivative of this code cannot be changed. i.e. this code cannot simply be
copied and put under another distribution licence
[including the GNU Public Licence.]

1.36.3.9 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.36.3.10 *X11*

Copyright (C) 1996 X Consortium

Permission is hereby granted, free of charge, to any person obtaining a copy of this
software and associated documentation files (the "Software"), to deal in the Software
without restriction, including without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice shall be included in all copies
or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from the X Consortium.

X Window System is a trademark of X Consortium, Inc.

1.36.3.11 *Apache-2.0*

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing

lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

1.37 libubootenv 0.3.1

1.37.1 Copyrights

(C) Copyright 2019 Stefano Babic, DENX Software Engineering, sbabic@denx.de.

1.37.2 Licenses

1.37.2.1 **LGPL-2.1+**

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user

installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.37.2.2 LGPL-2.1

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether

this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to

encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the

Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for

that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or

distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.38 libwebsockets 4.3.2

1.38.1 Copyrights

Copyright The Mbed TLS Contributors
Copyright 2015-2016 Espressif Systems (Shanghai) PTE LTD
Copyright 1995-2010 Mark Adler
Copyright 1995-2010 Jean-loup Gailly and Mark Adler
Copyright (c)2006 - 2013 Andy Green <andy@warmcat.com>
Copyright (c) 2009 by James Tursa, All Rights Reserved
Copyright (c) 2001 Bob Trower, Trantor Standard Systems Inc.
Copyright (c) 2000-2001 Kungliga Tekniska H gskolan Royal Institute of Technology, Stockholm, Sweden. All rights reserved.
Copyright (c) 1999 Adobe Systems Incorporated. All Rights Reserved.
Copyright (c) 1987, 1993, 1994, 1996 The Regents of the University of California. All rights reserved.
Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (C) 2010-2022 Andy Green <andy@warmcat.com>
Copyright (C) 2017 Per Bothner <per@bothner.com>
Copyright (C) 2017 National Institute of Advanced Industrial Science and Technology (AIST)
Copyright (C) 2017 Crash Barrier Ltd
Copyright (C) 2010 - 2020 Andy Green <andy@warmcat.com> Sakthi Kannan <saktr@amazon.com>
Copyright (C) 2004, 2005, 2010 Mark Adler
Copyright (C) 1998-2019 Toni Ronkko
Copyright (C) 1995-2010 Mark Adler
Copyright (C) 1995-2010 Jean-loup Gailly.
Copyright (C) 1995-2010 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2008 , 2010 Mark Adler
Copyright (C) 1995-2005 , 2010 Jean-loup Gailly.
Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project. All rights reserved.
(C) Copyright 2010-2020 Andy Green

1.38.2 Acknowledgements

This product includes software developed by Jean-loup Gailley and Mark Adler.

This product includes software developed by the University of California, Berkeley and its contributors.

1.38.3 Licenses

1.38.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.38.3.2 Zlib License

zlib License

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.38.3.3 CC0-1.0

Creative Commons Legal Code

CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of

authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive,

irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

- a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.
- b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.
- c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.
- d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.38.3.4 *BSD-4-Clause-UC*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.38.3.5 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.38.3.6 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of AIST nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.38.3.7 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the project nor the names of its contributors

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE PROJECT AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE PROJECT OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.38.3.8 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.38.3.9 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.38.3.10 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work,

provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

1.38.3.11 *Public Domain Notice:*

Public Domain, Authors: Daniel J. Bernstein, Niels Duif, Tanja Lange, Peter Schwabe, Bo-Yin Yang.

1.38.3.12 *Public Domain Notice:*

I contacted him 2007-04-16 about the license for the original code, he replied it is Public Domain.

1.38.3.13 *Public Domain Notice:*

Derived from public domain code by D. J. Bernstein.

1.38.3.14 *Public Domain Notice:*

Public domain

1.39 libxcrypt 4.4.15

1.39.1 Copyrights

Copyright Zack Weinberg and Free Software Foundation, Inc
Copyright Zack Weinberg
Copyright Vitaly Chikunov, Björn Esser
Copyright Tim Toolan
Copyright Thorsten Kukuk, Björn Esser, Zack Weinberg
Copyright Steven G. Johnson, Daniel Richard G.
Copyright Solar Designer, Colin Percival
Copyright Scott James Remnant, Dan Nicholson
Copyright Philip Withnall
Copyright Mike Frysinger
Copyright Michael Bretterklieber, Björn Esser et al.
Copyright Maarten Bosmans
Copyright Kevin Cernekee
Copyright Juniper Networks, Inc.
Copyright Guido U. Draheim, Maarten Bosmans
Copyright Free Software Foundation, Inc.
Copyright Francesco Salvestrini
Copyright David Burren et al.
Copyright Colin Percival
Copyright Björn Esser
Copyright Andrew Collier
Copyright Alexey Degtyarev
Copyright Alexander Peslyak, Björn Esser
Copyright Alexander Peslyak
Copyright 2015-2019 Björn Esser
Copyright 2018 Zack Weinberg

Copyright 2012-2018 Alexander Peslyak All rights reserved.
Copyright 2007-2017 Thorsten Kukuk and Zack Weinberg
Copyright 2005-2016 Colin Percival All rights reserved.
Copyright 2005-2016 Colin Percival
Copyright 2005, 2008, 2009 2011 SUSE LINUX Products GmbH, Germany
Copyright 2002, 2003, 2004 SuSE Linux AG, Germany
Copyright (c) 2018 Zack Weinberg. All rights reserved.
Copyright (c) 2017-2019 Zack Weinberg <zackw@panix.com> All rights reserved.
Copyright (c) 2017-2019 Björn Esser <besser82@fedoraproject.org>
Copyright (c) 2017, Björn Esser <besser82@fedoraproject.org> All rights reserved.
Copyright (c) 2017 Zack Weinberg
Copyright (c) 2015 Allan Jude <allanjude@FreeBSD.org> All rights reserved.
Copyright (c) 2013, Alexey Degtyarev <alexey@renatasystems.org>. All rights reserved.
Copyright (c) 2004, Juniper Networks, Inc. All rights reserved.
Copyright (c) 2003 Michael Bretterklieber
Copyright (c) 2002, 2007 SuSE Linux AG, Germany
Copyright (c) 2001 Alexander Peslyak
Copyright (c) 1998-2014 Solar Designer
Copyright (c) 1998-1999 Whistle Communications, Inc.
Copyright (c) 1998-1999 Archie Cobbs <archie@freebsd.org>
Copyright (c) 1994 David Burren All rights reserved.
Copyright (C) 2019 Björn Esser
Copyright (C) 2018-2019 Björn Esser <besser82@fedoraproject.org>
Copyright (C) 2018 vt@altlinux.org
Copyright (C) 2018 Björn Esser besser82@fedoraproject.org
Copyright (C) 2013 Alexander Peslyak
Copyright (C) 2007-2017 Thorsten Kukuk
Copyright (C) 1991-2017 Free Software Foundation, Inc.
Copyright (C) 1991, 1999 Free Software Foundation, Inc.
Copyright <vt@altlinux.org>

1.39.2 Licenses

1.39.2.1 **LGPL-2.1+**

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public Licenses are intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users.

This license, the Lesser General Public License, applies to some specially designated
software packages--typically libraries--of the Free Software Foundation and other
authors who decide to use it. You can use it too, but we suggest you first think

carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this

License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public

License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.39.2.2 *BSD-Like*

Redistribution and use in source and binary forms, with or without modification, are permitted.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.39.2.3 *Public-domain*

public domain

1.39.2.4 *Public-domain*

No copyright is claimed, and the software is hereby placed in the public domain. In case this attempt to disclaim copyright and place the software in the public domain is deemed null and void, then the software is Copyright (c) 2001 Alexander Peslyak and it is hereby released to the general public under the following terms:

Redistribution and use in source and binary forms, with or without modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.

1.39.2.5 *Public-domain*

No copyright is claimed, and the software is hereby placed in the public domain. In case this attempt to disclaim copyright and place the software in the public domain is deemed null and void, then the software is Copyright (c) 2017 Zack Weinberg and it is hereby released to the general public under the following terms:

Redistribution and use in source and binary forms, with or without modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.

1.39.2.6 *Public-domain*

No copyright is claimed, and the software is hereby placed in the public

domain. In case this attempt to disclaim copyright and place the software in the public domain is deemed null and void, then the software is Copyright (c) 1998-2014 Solar Designer and it is hereby released to the general public under the following terms:

Redistribution and use in source and binary forms, with or without modification, are permitted.

There's ABSOLUTELY NO WARRANTY, express or implied.

It is my intent that you should be able to use this on your system, as part of a software package, or anywhere else to improve security, ensure compatibility, or for any other purpose. I would appreciate it if you give credit where it is due and keep your modifications in the public domain as well, but I don't require that in order to let you place this code and any modifications you make under a license of your choice.

1.39.2.7 CC0-1.0

Creative Commons Legal Code

CC0 1.0 Universal CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.39.2.8 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.39.2.9 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40 Linux Kernel 4.4.302

1.40.1 Copyrights

© Copyright IBM Corporation 2006-2008
© Copyright 2013 ATMEL, Josh Wu (josh.wu@atmel.com)
© Copyright 2012 ATMEL, Hong Xu
© Copyright 2011-2013 Datera, Inc.
© Copyright 2006 ATMEL Rousset, Lacrosonniere Nicolas
© 2005 Eptar srl Author: Claudio Lanconelli <lanconelli.claudio@eptar.com>
copyrights (c) 1994 by Michael Hipp (hippm@informatik.uni-tuebingen.de)

copyrighted 1992 by Mark Adler.
copyrighted 1990 Mark Adler
copyrighted (C) 1993 by Hartmut Schirmer.
copyright holders: 1992-2000 by Donald Becker.
copyright Jamal Hadi Salim (2002-4)
copyright Chris Mason 2000
copyright : (C) 2002 by karsten wiese email : annabellesgarden@yahoo.de
copyright : (C) 2000 by Adaptec
copyright 2004 Harald Welte <laforge@gnumonks.org>
copyright 2001,2002 Manfred Spraul (manfred@colorfullife.com)
copyright 2001 Steven Whitehouse <steve@chygwyn.com>
copyright 2001 Ryan Bradetich <rbradetich@uswest.net>
copyright 2000 Philipp Rumpf <prumpf@tux.org>
copyright 2000 Martin K. Petersen <mkp@mkp.net>
copyright 1994-2001 by Donald Becker.
copyright (c) 2013 Freescale Semiconductor, Inc.
copyright (c) 2011-2012 Google, Inc.
copyright (c) 2011-2012 Cypress Semiconductor, Inc.
copyright (c) 2006 IBM Corporation Authored by: Mike D. Day <ncmike@us.ibm.com>
copyright (c) 2005 SDG Systems, LLC and,
copyright (c) 2003 by David Young <dyoung@pobox.com>
copyright (c) 2002 Romain Lievin <roms@lpg.ticalc.org>
copyright (c) 2001,2002 Sun Microsystems (thockin@sun.com)
copyright (c) 2001 Sun Microsystems
copyright (c) 1997-2003 Jean Tourrilhes jt@hpl.hp.com>
copyright (C) by Hannu Savolainen 1993-1996
copyright (C) 2007 Cluster File Systems, Inc
copyright (C) 2004-2006 Pierre Ossman
copyright (C) 2005, Chuck Lever <cel@netapp.com>
copyright (C) 2003-2005 MontaVista Software, Inc.
copyright (C) 2003 Russell King, PXA MMCI Driver
copyright (C) 2001-2003 Greg Kroah-Hartman (greg@kroah.com)
copyright (C) 2001, Benoit Papillault
copyright (C) 1999/2000 by Henning Zabel <henning@uni-paderborn.de>
copyright (C) 1996 okir@monad.swb.de
copyright (C) 1992 Michael K. Johnson .
copyright (C) 1991, 1992 Linus Torvalds.
Copyrights (c) UCB 1986-1988.
Copyrights (c) UCB 1982-1988 Ross Biro Fred N. van Kempen,
<waltje@uWalt.NL.Mugnet.ORG>
Copyrights (c) 2014 Intel Mobile Communications GmbH All rights reserved.
Copyrights (c) 2012-2013 - Mauro Carvalho Chehab.
Copyrights (c) 2008, Steven Rostedt <srostedt@redhat.com>
Copyrights (c) 2007 sgi/(c) 2011 Linux Foundation.
Copyrights (c) 2003-2015 Intel Corporation. All rights reserved.
Copyrights (c) 2000 Axis Communications AB.
Copyrights (c) 1994,1995,1996 by M.Hipp (hippm@informatik.uni-tuebingen.de)
Copyrights (C) Rusty Russell, IBM 2002
Copyrights (C) Copyright 2002 Hewlett-Packard Company
Copyrights (C) 2007 SGI, Christoph Lameter
Copyrights (C) 2003 Cornelius Consult.
Copyrights (C) 1991 Linus Torvalds.
Copyrighted (c) 2013 by Freescale Semiconductor, Inc.
Copyrighted (C) 1994, 1995, 1996 Normunds Saumanis (normunds@fi.ibm.com)
Copyrighted (C) 1994 Normunds Saumanis (normunds@rx.tech.swh.lv)

Copyright: Copyright (c) 1996 John Shifflett, GeoLog Consulting.
Copyright: 2014 Raumfeld GmbH Author: Sven Brandau <info@brandau.biz>
Copyright: 2011 Raumfeld GmbH Author: Johannes Stezenbach <js@sig21.net>
Copyright: 1991 - 2015 Linus Torvalds and others.
Copyright: (c) 2014 Czech Technical University in Prague
Copyright: (c) 2000-2001 Cyclades Corp.
Copyright: (C) 2015-2015 Julia Lawall, Inria.
Copyright: (C) 2014 Wolfram Sang.
Copyright: (C) 2014 Himangi Saraogi.
Copyright: (C) 2014 Fabian Frederick.
Copyright: (C) 2013 Petr Strnad.
Copyright: (C) 2012-2013 Gilles Muller, INRIA/LIP6.
Copyright: (C) 2012-2013 Linaro Limited
Copyright: (C) 2012, 2015 Julia Lawall, INRIA.
Copyright: (C) 2012, 2015 Gilles Muller, INRIA.
Copyright: (C) 2012 Peter Senna Tschudin, INRIA/LIP6.
Copyright: (C) 2009-2012 Gilles Muller, INRIA/LIP6.
Copyright: (C) 2012 Gilles Muller
Copyright: (C) 2012 ARM Limited
Copyright: (C) 2010-2012 Nicolas Palix.
Copyright: (C) 2010-2013 Julia Lawall, INRIA/LIP6.
Copyright: (C) 2009-2010 Julia Lawall, Nicolas Palix, DIKU.
Copyright: (C) 2009-2010 Nicolas Palix, DIKU.
Copyright: (C) 2009-2010 Julia Lawall, DIKU.
Copyright: (C) 2009, 2010 Gilles Muller, INRIA/LIP6. GPLv2.
Copyright: (C) 2009 Texas Instruments, India
Copyright: (C) 2009 Nokia Corporation
Copyright: (C) 2009 MontaVista Software, Inc., <source@mvista.com>
Copyright: (C) 2008 Mistral Solutions Pvt Ltd.,
Copyright: (C) 2006-2009 Instrumentation Technologies
Copyright: Jamal Hadi Salim (2002-13)
Copyright: (c) 1998-2003 Arnaldo Carvalho de Melo
Copyright: (c) 1998 Ben Greear
Copyright: (C) 2012-2013 Linaro Limited
Copyright: (C) 2009 Marvell Technology Group Ltd.
Copyright: (C) 2004 MontaVista Software, Inc.
Copyright: (C) 2002 Rory Bolt
Copyright: (C) 2000, 2001 MontaVista Software Inc.
Copyright © Sebastian Claßen, 2007 Jan Engelhardt, 2007-2010
Copyright © International Business Machines Corp., 2009
Copyright © International Business Machines Corp., 2006-2008
Copyright © International Business Machines Corp., 2006
Copyright © IBM Corporation
Copyright © CC Computer Consultants GmbH, 2007 - 2008 Jan Engelhardt
<jengelh@medozas.de>
Copyright © CC Computer Consultants GmbH, 2007
Copyright © 2015 Pengutronix, Markus Pargmann <mpa@pengutronix.de>
Copyright © 2008-2015 VMware, Inc., Palo Alto, CA., USA All Rights Reserved.
Copyright © 2001-2015 Red Hat, Inc. All Rights Reserved.
Copyright © 2014-2015 Broadcom
Copyright © 2014 The Chromium OS Authors
Copyright © 2012-2014 Red Hat.
Copyright © 2014 NVIDIA Corporation
Copyright © 2014 Intel Corporation Daniel Vetter <daniel.vetter@ffwll.ch>
Copyright © 2013 Alistair Popple <alistair@popple.id.au> IBM Corporation

Copyright © 2005-2015 Intel Corporation
Copyright © 2012-2014 HiSilicon Technologies Co.
Copyright © 2012-2013 Jussi Kivilinna <jussi.kivilinna@mbnet.fi>
Copyright © 2011-2013 Jussi Kivilinna <jussi.kivilinna@iki.fi>
Copyright © 2012 Mike Dunn <mikedunn@newsguy.com>
Copyright © 2012 Micron Technology, Inc.
Copyright © 2012 John Crispin <blogic@openwrt.org>
Copyright © 2011-2012 Roland Stigge
Copyright © 2011 WORK Microwave GmbH
Copyright © 2011 NXP Semiconductors
Copyright © 2009-2015 Broadcom Corporation
Copyright © 2010 STMicroelectronics. Ashish Priyadarshi Shiraz Hashim
<shiraz.linux.kernel@gmail.com>
Copyright © 2010 ST Microelectronics Vipin Kumar <vipin.kumar@st.com> Ashish Priyadarshi
Copyright © 2010 Luca Barbieri
Copyright © 2010 Freescale Semiconductor
Copyright © 1999-2010 David Woodhouse <dwmw2@infradead.org>
Copyright © 2010 Daniel Vetter
Copyright © 2009-2010, Intel Corporation and its suppliers.
Copyright © 2009 VIA Technology, Inc.
Copyright © 2009 Paul Mackerras, IBM Corporation.
Copyright © 2009 Paul Mackerras, IBM Corp. <paulus@au1.ibm.com>
Copyright © 2009 Nuvoton technology corporation.
Copyright © 2006-2009 Keith Packard
Copyright © 2009 Daniel Vetter <daniel@ffwll.ch>
Copyright © 2009 Bluewater Systems Ltd Author: Andre Renaud <andre@bluewatersys.com>
Author: Ryan Mallon
Copyright © 2009-2009 - Maxim Levitsky.
Copyright © 2008-2010 Samsung Electronics Kyungmin Park <kyungmin.park@samsung.com>
Marek Szyprowski <m.szyprowski@samsung.com>
Copyright © 2008 by: Sander Huijsen <Shuijsen@optelecom-nkf.com> Troy Kisky
<troy.kisky@boundarydevices.com> Dirk Behme <Dirk.Behme@gmail.com>
Copyright © 2008 Traverse Technologies
Copyright © 2008 MontaVista Software, Inc. <source@mvista.com>
Copyright © 2008 Keith Packard <keithp@keithp.com>
Copyright © 2008 Intel Corporation 2014 Red Hat Inc.
Copyright © 2008 Ingo Molnar
Copyright © 2008 Ilya Yanok, Emcraft Systems
Copyright © 2007-2008 MontaVista Software, Inc.
Copyright © 2006-2008 Intel Corporation Jesse Barnes <jesse.barnes@intel.com>
Copyright © 2006-2008 Dave Airlie
Copyright © 2007 David Gibson, IBM Corporation.
Copyright © 2007 David Airlie
Copyright © 2007 Dave Mueller
Copyright © 2007 Anton Vorontsov <cbou@mail.ru>
Copyright © 2006-2015 , Intel Corporation.
Copyright © 2006-2008,2010 Intel Corporation Jesse Barnes <jesse.barnes@intel.com>
Copyright © 2006-2007, 2010 Freescale Semiconductor
Copyright © 2001-2007 Red Hat, Inc.
Copyright © 2006-2007 Advanced Micro Devices, Inc.
Copyright © 2006 Texas Instruments.
Copyright © 2006 NEC Corporation
Copyright © 2006 MontaVista Software Inc. Author: Vitaly Wool <vwool@ru.mvista.com>
Copyright © 2006 Marvell International Ltd.
Copyright © 2006 Eric Anholt

Copyright © 2005-2009 Samsung Electronics
Copyright © 2005-2007 Nokia Corporation
Copyright © 2005 Agere Systems Inc. All rights reserved.
Copyright © 2002-2010 David Woodhouse.
Copyright © 2004-2008 Simtec Electronics.
Copyright © 2004 Thomas Gleixner (tglx@linutronix.de)
Copyright © 2004 Texas Instruments, Jian Zhang <jzhang@ti.com>
Copyright © 2004 Szabolcs Gyurko
Copyright © 2004 Micron Technology Inc.
Copyright © 2004 David Brownell
Copyright © 2003 Rick Bronson
Copyright © 2003 Ian Molton <spyro@f2s.com>
Copyright © 2002 Thomas Gleixner <gleixner@linutronix.de>
Copyright © 2001 Thomas Gleixner (gleixner@autronix.de)
Copyright © 2000-2010 David Woodhouse <dwmw2@infradead.org> et al.
Copyright © 2000-2010 David Woodhouse <dwmw2@infradead.org> Steven J. Hill
<sjhill@realitydiluted.com> Thomas Gleixner <tglx@linutronix.de>
Copyright © 2000 Steven J. Hill (sjhill@cotw.com)
Copyright © 2000 Nicolas Pitre <nico@fluxnic.net>
Copyright © 2000 Nicolas Pitre <nico@cam.org>
Copyright © 1999 Hannu Mallat All rights reserved
Copyright © 1997-2003 by The XFree86 Project, Inc.
Copyright by Werner Cornelius <werner@isdn4linux.de>
Copyright by Traverse Technologies Pty Ltd.
Copyright by Karsten Keil <keil@isdn4linux.de> by Kai Germaschewski
<kai.germaschewski@gmx.de>
Copyright by Karsten Keil <keil@isdn4linux.de>
Copyright by Fritz Elfert <fritz@isdn4linux.de>
Copyright by Andreas Eversberg (jolly@eversberg.eu)
Copyright by Adam Belay <ambx1@neo.rr.com>
Copyright abandoned, Michael Chastain, <mailto:mec@shout.net>.
Copyright Torsten Duwe <duwe@informatik.uni-erlangen.de> 1993
Copyright Theodore Ts'o, 1995-1997
Copyright Theodore Ts'o, 1994, 1995, 1996, 1997, 1998, 1999. All rights reserved.
Copyright SysKonnnect 1998,1999.
Copyright Stephan Mueller <smueller@chronox.de>, 2015
Copyright Stephan Mueller <smueller@chronox.de>, 2014
Copyright Sarah Sharp for Intel Corp, 2010
Copyright SUSE Linux Products GmbH 2009
Copyright Red Hat, Inc. 2014
Copyright Red Hat, Inc. 2013-2014
Copyright Red Hat, Inc. 2011
Copyright Red Hat, 2009
Copyright Red Hat Inc 2010. Author : Dave Airlie <airlied@redhat.com>
Copyright Red Hat 2003
Copyright Novell Inc. 2010
Copyright Motorola 1984 (!).
Copyright Micro Memory Inc 2001-2002. All rights reserved.
Copyright Micro Memory INC 2001. All rights reserved.
Copyright Matthew Wilcox for Intel Corp, 2010
Copyright Matt Mackall <mpm@selenic.com>, 2003, 2004, 2005
Copyright Linas Vepstas 2005, 2006
Copyright Linas Vepstas <linas@linas.org> 2004, 2005
Copyright Linas Vepstas <linas@austin.ibm.com> 2007
Copyright Linas Vepstas <linas@austin.ibm.com> 2004

Copyright IBM Corporation, 2013.
 Copyright IBM Corporation, 2007-2010 Author Aneesh Kumar K.V
 <aneesh.kumar@linux.vnet.ibm.com>
 Copyright IBM Corporation, 2009
 Copyright IBM Corporation, 2008
 Copyright IBM Corporation, 2007 Authors: Chandra Seetharaman <sekharan@us.ibm.com>
 Mike Anderson <andmike@linux.vnet.ibm.com>
 Copyright IBM Corporation, 2007 Authors: Anthony Liguori <aliguori@us.ibm.com>
 Copyright IBM Corporation, 2007 Author: Srivatsa Vaddagiri <vatsa@linux.vnet.ibm.com>
 Copyright IBM Corporation, 2007 Author Balbir Singh <balbir@linux.vnet.ibm.com>
 Copyright IBM Corporation, 2007
 Copyright IBM Corporation, 2001
 Copyright IBM Corporation 2015
 Copyright IBM Corporation 2004
 Copyright IBM Corporation 2001, 2005, 2006
 Copyright IBM Corporation 1999, 2009
 Copyright IBM Corp. 1999-2015 Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>
 Copyright IBM Corp. 2012-2015 Author(s): Hendrik Brueckner <brueckner@linux.vnet.ibm.com>
 Copyright IBM Corp. 2007-2015 Author(s): Gerald Schaefer <gerald.schaefer@de.ibm.com>
 Copyright IBM Corp. 2015
 Copyright IBM Corp. 2014
 Copyright IBM Corp. 2013 Author(s): Ralf Hoppe (rhoppe@de.ibm.com)
 Copyright IBM Corp. 2013 Author(s): Eugene Crosser <eugene.crosser@ru.ibm.com>
 Copyright IBM Corp. 2013
 Copyright IBM Corp. 1999-2012 .
 Copyright IBM Corp. 2012,2015
 Copyright IBM Corp. 2008-2012 , 2014
 Copyright IBM Corp. 2012 Author(s): Sebastian Ott <sebott@linux.vnet.ibm.com>
 Copyright IBM Corp. 2011-2012 Author(s): Jan Glauber <jang@linux.vnet.ibm.com>
 Copyright IBM Corp. 2012 Author(s): Holger Dengler <hd@linux.vnet.ibm.com>
 Copyright IBM Corp. 2012 Author(s): Hendrik Brueckner <brueckner@linux.vnet.ibm.com> Jan
 Glauber <jang@linux.vnet.ibm.com>
 Copyright IBM Corp. 2012
 Copyright IBM Corp. 2011 Author(s): Michael Holzheu <holzheu@linux.vnet.ibm.com>
 Copyright IBM Corp. 2010 Author: Heinz Graalfs <graalfs@de.ibm.com>
 Copyright IBM Corp. 2009,2014
 Copyright IBM Corp. 2002-2009 , 2015
 Copyright IBM Corp. 2009, 2013 Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>
 Hendrik Brueckner <brueckner@linux.vnet.ibm.com>
 Copyright IBM Corp. 2009 Author(s): Peter Oberparleiter <oberpar@linux.vnet.ibm.com>
 Copyright IBM Corp. 2009
 Copyright IBM Corp. 1999-2008 , 2013
 Copyright IBM Corp. 1999-2008 , 2011
 Copyright IBM Corp. 1999-2008 , 2010
 Copyright IBM Corp. 1999-2008 , 2009
 Copyright IBM Corp. 2002-2008 Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com)
 Copyright IBM Corp. 2008
 Copyright IBM Corp. 2007-2010 Mel Gorman <mel@csn.ul.ie>
 Copyright IBM Corp. 2007-2008
 Copyright IBM Corp. 2007,2012
 Copyright IBM Corp. 2007,2008 Author(s): Christian Borntraeger <borntraeger@de.ibm.com>
 Copyright IBM Corp. 2007-2011 Author(s): Heiko Carstens <heiko.carstens@de.ibm.com>
 Copyright IBM Corp. 2007, 2010 Author(s): Peter Oberparleiter
 <peter.oberparleiter@de.ibm.com>

Copyright IBM Corp. 2007-2009 Author(s): Utz Bacher <utz.bacher@de.ibm.com>, Frank Pavlic <fpavlic@de.ibm.com>, Thomas Spatzier <tspat@de.ibm.com>, Frank Blaschka <frank.blaschka@de.ibm.com>
 Copyright IBM Corp. 2007, 2009 Author(s): Hongjie Yang <hongjie@us.ibm.com>, Heiko Carstens <heiko.carstens@de.ibm.com>
 Copyright IBM Corp. 2007 Author(s): Stefan Weinhuber <wein@de.ibm.com>
 Copyright IBM Corp. 2001-2008 Author(s): Michael Holzheu <holzheu@de.ibm.com>
 Copyright IBM Corp. 2007 Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com),
 Copyright IBM Corp. 2007 Author(s): Frank Pavlic <fpavlic@de.ibm.com>, Thomas Spatzier <tspat@de.ibm.com>, Frank Blaschka <frank.blaschka@de.ibm.com>
 Copyright IBM Corp. 2007
 Copyright IBM Corp. 2006. Author(s): Melissa Howland <melissah@us.ibm.com>
 Copyright IBM Corp. 2006,2014 Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com), Gerald Schaefer (gerald.schaefer@de.ibm.com)
 Copyright IBM Corp. 2006, 2015 Author(s): Jan Glauber <jan.glauber@de.ibm.com> Harald Freudenberger <freude@de.ibm.com>
 Copyright IBM Corp. 2006, 2012 Author(s): Cornelia Huck <cornelia.huck@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com> Ralph Wuerthner <rwuerthn@de.ibm.com> Felix Beck <felix.beck@de.ibm.com> Holger Dengler <hd@linux.vnet.ibm.com>
 Copyright IBM Corp. 2006, 2007 Author(s): Heiko Carstens <heiko.carstens@de.ibm.com> Michael Holzheu <holzheu@de.ibm.com>
 Copyright IBM Corp. 2006
 Copyright IBM Corp. 2005. Author(s): Stefan Weinhuber <wein@de.ibm.com>
 Copyright IBM Corp. 2005, 2012 Author(s): Michael Holzheu <holzheu@de.ibm.com> Heiko Carstens <heiko.carstens@de.ibm.com> Volker Sameske <sameske@de.ibm.com>
 Copyright IBM Corp. 2005-2011 Author(s): Jan Glauber (jang@de.ibm.com)
 Copyright IBM Corp. 2005, 2007 Author(s): Jan Glauber (jang@de.ibm.com) Sebastian Siewior (sebastian@breakpoint.cc)
 Copyright IBM Corp. 2004, 2013 Author(s): Arnd Bergmann (arndb@de.ibm.com) Philipp Hachtmann (phacht@de.ibm.com)
 Copyright IBM Corp. 2004, 2012 Author(s): Jan Glauber <jan.glauber@de.ibm.com>
 Copyright IBM Corp. 2004, 2011 Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>, Holger Smolinski <Holger.Smolinski@de.ibm.com>, Thomas Spatzier <tspat@de.ibm.com>, Copyright IBM Corp. 2004, 2009. Author(s): Xenia Tkatschow <xenia@us.ibm.com> Stefan Weinhuber <wein@de.ibm.com>
 Copyright IBM Corp. 2004, 2005 Author(s): Christian Borntraeger <cborntra@de.ibm.com>
 Copyright IBM Corp. 2004 All Rights Reserved.
 Copyright IBM Corp. 2004 2005
 Copyright IBM Corp. 2003-2013 Author(s): Michael Holzheu
 Copyright IBM Corp. 2003-2011 Author(s): Thomas Spatzier Jan Glauber (jan.glauber@de.ibm.com)
 Copyright IBM Corp. 2002, 2016
 Copyright IBM Corp. 1999-2002 , 2012
 Copyright IBM Corp. 2002, 2011 Author(s): Thomas Spatzier (tspat@de.ibm.com) Author(s): Mahesh Salgaonkar (mahesh@linux.vnet.ibm.com) Author(s): Heinz Graalfs (graalfs@linux.vnet.ibm.com) Author(s): Andreas Krebbel (krebbel@linux.vnet.ibm.com)
 Copyright IBM Corp. 2002, 2009 Author(s): Cornelia Huck <cornelia.huck@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com> Peter Oberparleiter <peter.oberparleiter@de.ibm.com>
 Copyright IBM Corp. 2002-2008 Author(s): Cornelia Huck (cornelia.huck@de.ibm.com) Martin Schwidefsky (schwidefsky@de.ibm.com)
 Copyright IBM Corp. 2002, 2008 Author(s): Arnd Bergmann (arndb@de.ibm.com) Cornelia Huck (cornelia.huck@de.ibm.com) Martin Schwidefsky (schwidefsky@de.ibm.com)
 Copyright IBM Corp. 2002, 2004

Copyright IBM Corp. 2001, 2012 Author(s): Robert Burroughs Eric Rossman
(edrossma@us.ibm.com) Cornelia Huck <cornelia.huck@de.ibm.com>

Copyright IBM Corp. 2001-2012 Author(s): Robert Burroughs Eric Rossman
(edrossma@us.ibm.com)

Copyright IBM Corp. 2001, 2009 Author(s): Fritz Elfert (felfert@millenux.com) Dieter Wellerdiek
(wel@de.ibm.com) Martin Schwidefsky (schwidefsky@de.ibm.com) Denis Joseph Barrow
(barrow_dj@yahoo.com) Jochen Roehrig (roehrig@de.ibm.com) Cornelia Hu

Copyright IBM Corp. 2001-2009 Author(s): Carsten Otte <cotte@de.ibm.com> Tuan Ngo-Anh
<ngoanh@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com>

Copyright IBM Corp. 2001, 2008

Copyright IBM Corp. 2001, 2002 Author(s): Carsten Otte <cotte@de.ibm.com> Michael Holzheu
<holzheu@de.ibm.com> Tuan Ngo-Anh <ngoanh@de.ibm.com> Martin Schwidefsky
<schwidefsky@de.ibm.com> Stefan Bader <shbader@de.ibm.com>

Copyright IBM Corp. 2001 Author(s): Fritz Elfert <felfert@millenux.com> <elfert@de.ibm.com>

Copyright IBM Corp. 2000-2009 Author(s): Utz Bacher <utz.bacher@de.ibm.com> Jan Glauber
<jang@linux.vnet.ibm.com>

Copyright IBM Corp. 2000, 2009 Author(s): Ingo Adlung <adlung@de.ibm.com>, Martin
Schwidefsky <schwidefsky@de.ibm.com>, Cornelia Huck <cornelia.huck@de.ibm.com>, Heiko
Carstens <heiko.carstens@de.ibm.com>,

Copyright IBM Corp. 2000, 2009 Author(s): Hartmut Penner <hp@de.ibm.com>, Martin
Schwidefsky <schwidefsky@de.ibm.com>, Christian Ehrhardt <ehrhhardt@de.ibm.com>,

Copyright IBM Corp. 2000, 2006 Author(s): Denis Joseph Barrow
(djbarrow@de.ibm.com, barrow_dj@yahoo.com) Gerhard Tonn (ton@de.ibm.com)

Copyright IBM Corp. 2000, 2006

Copyright IBM Corp. 2000, 2001

Copyright IBM Corp. 2000 Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com), Gerhard
Tonn (ton@de.ibm.com) Thomas Spatzier (tspat@de.ibm.com)

Copyright IBM Corp. 1999,2012 Author(s): Ingo Adlung (adlung@de.ibm.com) Cornelia Huck
(cornelia.huck@de.ibm.com) Arnd Bergmann (arndb@de.ibm.com)

Copyright IBM Corp. 1999, 2012 Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com),
Hartmut Penner (hp@de.ibm.com), Denis Joseph Barrow
(djbarrow@de.ibm.com, barrow_dj@yahoo.com), Heiko Carstens
<heiko.carstens@de.ibm.com>

Copyright IBM Corp. 1999, 2012 Author(s): Hartmut Penner <hp@de.ibm.com>, Martin
Schwidefsky <schwidefsky@de.ibm.com>, Denis Joseph Barrow,

Copyright IBM Corp. 1999, 2012 Author(s): Denis Joseph Barrow, Martin Schwidefsky
<schwidefsky@de.ibm.com>, Heiko Carstens <heiko.carstens@de.ibm.com>,

Copyright IBM Corp. 1999, 2010 Author(s): Denis Joseph Barrow Martin Schwidefsky
(schwidefsky@de.ibm.com)

Copyright IBM Corp. 1999, 2010 Author(s): Cornelia Huck (cornelia.huck@de.ibm.com) Arnd
Bergmann (arndb@de.ibm.com) Peter Oberparleiter <peter.oberparleiter@de.ibm.com>

Copyright IBM Corp. 1999, 2009 Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>,
Hartmut Penner <hp@de.ibm.com>, Denis Joseph Barrow,

Copyright IBM Corp. 1999, 2009 Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>,
Denis Joseph Barrow, Arnd Bergmann <arndb@de.ibm.com>,

Copyright IBM Corp. 1999, 2009 Author(s): DJ Barrow
<djbarrow@de.ibm.com, barrow_dj@yahoo.com>

Copyright IBM Corp. 1999, 2008 Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>,
Heiko Carstens <heiko.carstens@de.ibm.com>,

Copyright IBM Corp. 1999, 2008 Author(s): Ingo Adlung (adlung@de.ibm.com) Cornelia Huck
(cornelia.huck@de.ibm.com) Arnd Bergmann (arndb@de.ibm.com) Martin Schwidefsky
(schwidefsky@de.ibm.com)

Copyright IBM Corp. 1999, 2008 Author(s): Hartmut Penner (hp@de.ibm.com), Martin
Schwidefsky (schwidefsky@de.ibm.com), Denis Joseph Barrow
(djbarrow@de.ibm.com, barrow_dj@yahoo.com)

Copyright IBM Corp. 1999, 2007 Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com), Christian Borntraeger (cborntra@de.ibm.com),
 Copyright IBM Corp. 1999-2006 Author(s): Denis Joseph Barrow (djbarrow@de.ibm.com,barrow_dj@yahoo.com)
 Copyright IBM Corp. 1999, 2000 Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com), Denis Joseph Barrow (djbarrow@de.ibm.com,barrow_dj@yahoo.com),
 Copyright IBM Corp. 1999-2000 Author(s): Hartmut Penner (hp@de.ibm.com), Martin Schwidefsky (schwidefsky@de.ibm.com)
 Copyright IBM Corp. 1999, 2000 Author(s): Hartmut Penner (hp@de.ibm.com) Ulrich Weigand (weigand@de.ibm.com) Martin Schwidefsky (schwidefsky@de.ibm.com)
 Copyright IBM Corp. 1999-2000 Author(s): Hartmut Penner (hp@de.ibm.com)
 Copyright IBM Corp. 1999, 2000
 Copyright IBM Corp. 1999 Author(s): Ulrich Hild.
 Copyright IBM Corp. 1999 Author(s): Martin Peschke <mpeschke@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com>
 Copyright IBM Corp. 1999 Author(s): Hartmut Penner (hp@de.ibm.com) Ulrich Weigand (uweigand@de.ibm.com)
 Copyright IBM Corp 2000, 2011 Author(s): Holger Smolinski <Holger.Smolinski@de.ibm.com>, Denis Joseph Barrow,
 Copyright IBM 2015
 Copyright Hans de Goede <hdegoede@redhat.com> for Red Hat, Inc. 2013 - 2016
 Copyright Gavin Shan, IBM Corporation 2014.
 Copyright Echo Digital Audio Corporation (c) 1998-2005 All rights reserved.
 Copyright Dave Engebretsen & Todd Inglett 2001
 Copyright Compulab Ltd., 2006,2007 Mike Rapoport <mike@compulab.co.il>
 Copyright Compulab Ltd, 2002-2007 Mike Rapoport <mike@compulab.co.il>
 Copyright Benjamin Herrenschmidt & Gavin Shan, IBM Corporation 2011-2013 .
 Copyright Altera Corporation (C) 2013-2015 . All rights reserved.
 Copyright Altera Corporation (C) <2015>. All rights reserved
 Copyright Alistair Popple, IBM Corporation 2014.
 Copyright Adrian McMenamin 2005, 2006, 2007 adrian@mcmemon.demon.co.uk>
 Copyright 31 August 2008 James Bottomley
 Copyright 2004-2030 Analog Devices Inc.
 Copyright 2015, Sam Bobroff, IBM Corp.
 Copyright 2015, Red Hat, Inc.
 Copyright 2014-2015 , Michael Ellerman, IBM Corp.
 Copyright 2015, Anton Blanchard, IBM Corp.
 Copyright 2015, Anshuman Khandual, IBM Corporation.
 Copyright 2015 Álvaro Fernández Rojas <noltari@gmail.com>
 Copyright 2015 Yoshinori Sato <ysato@users.sourceforge.jp>
 Copyright 2015 Tyler Baker
 Copyright 2014-2015 Toradex AG
 Copyright 2009-2015 Texas Instruments.
 Copyright 2005-2015 Solarflare Communications Inc.
 Copyright 2014-2015 Siarhei Siamashka <siarhei.siamashka@gmail.com>
 Copyright 2015 Samuel Pitosiet
 Copyright 2015 Samuel Pitoiset
 Copyright 2015 Robert Jarzmik <robert.jarzmik@free.fr>
 Copyright 1999-2015 Red Hat, Inc.
 Copyright 2008-2015 Red Hat Inc.
 Copyright 2013-2015 Realtek Semiconductor Corp. Author: Bard Liao <bardliao@realtek.com>
 Copyright 2014-2015 Realtek Semiconductor Corp.
 Copyright 2015 Priit Laes
 Copyright 2015 Nuvoton Technology Corp. Co-author: Meng-Huang Kuo <mhkuo@nuvoton.com>

Copyright 2015 NextThing Co
Copyright 2015 Maxime Ripard Maxime Ripard <maxime.ripard@free-electrons.com>
Copyright 2012-2015 Maxime Ripard <maxime.ripard@free-electrons.com>
Copyright 2015 Martin Kepplinger <martin.kepplinger@theobroma-systems.com>
Copyright 2015 Marcus Cooper <codekipper@gmail.com>
Copyright 2015 Maciej Szmigiero <mail@maciej.szmigiero.name>
Copyright 2013-2015 Linaro.
Copyright 2011-2015 Linaro Ltd.
Copyright 2013-2015 Linaro Limited
Copyright 2015 Lawrence Yu <lyu@micile.com>
Copyright 2015 Karsten Merker <merker@debian.org>
Copyright 2015 Josef Gajdusek <atx@atx.name>
Copyright 2015 Joachim Eastwood <manabian@gmail.com>
Copyright 2015 Jelle van der Waa <jelle@vdwaa.nl>
Copyright 2015 Jelle de Jong <jelledejong@powercraft.nl>
Copyright 2015-2015 Intel Deutschland GmbH
Copyright 2011-2015 Heiko Stuebner <heiko@sntech.de>
Copyright 2013-2015 Hans de Goede <hdegoede@redhat.com>
Copyright 2015 Gábor Nyers
Copyright 2015 Gridpoint
Copyright 2012-2015 Google, Inc.
Copyright 2014-2015 Google Chromium project. Author: Anatol Pomozov
<anatol@chromium.org>
Copyright 2015 Freescale, Inc. Tang Yuantian <Yuantian.Tang@freescale.com>
Copyright 2015 Freescale Semiconductor York Sun <yorksun@freescale.com>
Copyright 2006-2015 Freescale Semiconductor Inc.
Copyright 2011-2015 Free Electrons
Copyright 2015 Felix Fietkau <nbd@openwrt.org>
Copyright 2015 Endless Mobile, Inc. Author: Carlo Caione <carlo@endlessm.com>
Copyright 2011-2015 Cirrus Logic, Inc.
Copyright 2015-2015 Cirrus Logic Inc.
Copyright 2014-2015 Chen-Yu Tsai <wens@csie.org>
Copyright 2010-2015 Broadcom
Copyright 2013-2015 Boundary Devices, Inc.
Copyright 2015 Armadeus Systems
Copyright 2015 Ariel D'Alessandro <ariel.dalessandro@gmail.com>
Copyright 2015 Andy Fleming
Copyright 2015 Andrew Lunn <andrew@lunn.ch>
Copyright 2015 Aleksei Mamlin Aleksei Mamlin <mamlinav@gmail.com>
Copyright 2015 Akamai Technologies Inc. All Rights Reserved
Copyright 2007-2015 Advanced Micro Devices, Inc. All Rights Reserved.
Copyright 2015 Adam Sampson <ats@offog.org>
Copyright 2015 - Maxime Coquelin <mcoquelin.stm32@gmail.com>
Copyright 2014-2015 , Qualcomm Atheros, Inc.
Copyright 2014-2015 Yoshinori Sato <ysato@users.sourceforge.jp>
Copyright 2005-2015 PMC-Sierra, Inc.
Copyright 2012-2015 Cisco Systems, Inc. and/or its affiliates. All rights reserved.
Copyright 2014, 2015 O.S. Systems Software LTDA.
Copyright 2014 Zoltan HERPAI Zoltan HERPAI <wigyori@uid0.hu>
Copyright 2008-2014 Wolfson Microelectronics plc
Copyright 2014 Ulrich Hecht
Copyright 2010-2014 Tiler Corporation. All Rights Reserved.
Copyright 2014 Sutajio Ko-Usagi PTE LTD
Copyright 2014 Steffen Trumtrar <s.trumtrar@pengutronix.de>
Copyright 2014 Skyworks Solutions Inc. Author : Gyungoh Yoo <jack.yoo@skyworksinc.com>

Copyright 2014 Roy Spliet
Copyright 2014 Rose Technology
Copyright 2013-2014 Realtek Microelectronics Author: Bard Liao <bardliao@realtek.com>
Copyright 2014 QLogic Corporation All rights reserved
Copyright 2014 Prodrive Technologies B.V.
Copyright 2012-2014 Peter Meerwald <pmeerw@pmeerw.net>
Copyright 2014 Open Source Support GmbH
Copyright 2014 MundoReader S.L.
Copyright 2014 Martin Peres
Copyright 2014 Luxul Inc.
Copyright 2013-2014 Lothar Waßmann <LW@KARO-electronics.de>
Copyright 2014 Linaro Limited Author: Matt Porter <mporter@linaro.org>
Copyright 2014 Jon Smirl <jonsmirl@gmail.com>
Copyright 2014 Intel Corporation; author: H. Peter Anvin
Copyright 2014 Ideas on Board Oy
Copyright 2013-2014 IBM Corporation Author: Mahesh Salgaonkar
<mahesh@linux.vnet.ibm.com>
Copyright 2014 Google, Inc Author: Alexandru M Stan <amstan@chromium.org>
Copyright 2014 Google Inc. Author: willem@b@google.com (Willem de Bruijn)
Copyright 2013-2014 Gateworks Corporation
Copyright 2004-2015 Freescale Semiconductor, Inc.
Copyright 2014 FEDEVEL, Inc.
Copyright 2014 Emilio López <emilio@elopez.com.ar>
Copyright 2014 Elettra-Sincrotrone Trieste S.C.p.A.
Copyright 2012-2014 CirrusLogic, Inc.
Copyright 2014 Chen-Yu Tsai
Copyright 2014 Carlo Caione <carlo@caione.org>
Copyright 2014 Canonical
Copyright 2014 Boris Brezillon
Copyright 2014 Belkin Inc.
Copyright 2011-2015 Analog Devices Inc. Author: Lars-Peter Clausen <lars@metafoo.de>
Copyright 2014 Alexander Aring <aar@pengutronix.de>
Copyright 2006-2014 Advanced Micro Devices, Inc.
Copyright 2014 - Iain Paton <ipaton0@gmail.com>
Copyright 2014 - Hans de Goede <hdegoede@redhat.com>
Copyright 2014 Intel Corporation (Author: Johannes Berg)
Copyright 2013-2015 Intel Mobile Communications GmbH.
Copyright 2013-2015 Emilio López
Copyright 2013-2015 Texas Instruments, Inc.
Copyright 2010-2015 Hauke Mehrkens <hauke@hauke-m.de>
Copyright 2013-2014 Analog Devices Inc. Author: Lars-Peter Clauen <lars@metafoo.de>
Copyright 2013-15 Maxim Integrated Products..
Copyright 2013,2014 IBM Corp.
Copyright 2006-2013 , Michael Ellerman, IBM Corporation.
Copyright 2013, Michael (Ellerman|Neuling), IBM Corporation.
Copyright 2012-2013 , Anton Blanchard, IBM Corporation.
Copyright 2013, 2014 Horms Solutions Ltd.
Copyright 2013 Wills Wang
Copyright 2013 Til-Technologies
Copyright 2013 Texas Instruments, Inc. Santosh Shilimkar <santosh.shilimkar@ti.com>
Copyright 2013 Texas Instruments, Inc. Cyril Chemparathy <cyril@ti.com> Santosh Shilimkar
<santosh.shilimkar@ti.com>
Copyright 2011-2013 ST-Ericsson AB
Copyright 2013 Red Hat All Rights Reserved.
Copyright 2013 Realtek Semiconductor Corp. Author: Oder Chiou <oder_chiou@realtek.com>

Copyright 2011-2013 Realtek Microelectronics
Copyright 2013 Prodrive B.V.
Copyright 2013 Philipp Zabel, Pengutronix
Copyright 2013 Ondrej Zary
Copyright 2013 Oleksandr Kravchenko <o.v.kravchenko@globallogic.com>
Copyright 2008-2013 Michael Ellerman, IBM Corporation.
Copyright 2013 Matrox Graphics
Copyright 2013 Linaro Ltd. All rights reserved.
Copyright 2013 Linaro Limited; author Roy Franz
Copyright 2013 Jeff Layton <jlayton@poochiereds.net>
Copyright 2013 Intel Corporation All Rights Reserved.
Copyright 2013 Ilia Mirkin
Copyright 2013 Ideas On Board SPRL
Copyright 2013 Greg Ungerer <gerg@uclinux.org>
Copyright 2013 Google Inc. Author: Willem de Bruijn <willemb@google.com> Daniel Borkmann
<dborkman@redhat.com>
Copyright 2013 Emilio López Emilio López <emilio@elopez.com.ar>
Copyright 2013 Data Modul AG
Copyright 2013 Daniel Borkmann <borkmann@redhat.com>
Copyright 2013 Codethink Ltd.
Copyright 2013 Christian Hemp, Phytex Messtechnik GmbH
Copyright 2013 Chen-Yu Tsai Chen-Yu Tsai <wens@csie.org>
Copyright 2013 CSC Australia Pty. Ltd.
Copyright 1998-2015 VMware, Inc. All rights reserved.
Copyright 2012-2015 Maxime Ripard
Copyright 2011-2013 , cozybit Inc.
Copyright 2011-2013 , Marco Porsch <marco.porsch@s2005.tu-chemnitz.de>
Copyright 2012-2013 Stefan Roese <sr@denx.de>
Copyright 2012-2013 STMicroelectronics Inc.
Copyright 2012-2015 Jonas Gorski <jogo@openwrt.org>
Copyright 2012, Hauke Mehrtens <hauke@hauke-m.de>
Copyright 2012, Fabio Baltieri <fabio.baltieri@gmail.com>
Copyright 2012 by Oracle Inc Author: Konrad Rzeszutek Wilk <konrad.wilk@oracle.com>
Copyright 2012 Xyratex Technology Limited
Copyright 2005-2012 Wolfson Microelectronics PLC.
Copyright 2012 Viresh Kumar <vireshk@kernel.org>
Copyright 2012 The Nouveau community
Copyright 2012 Steffen Trumtrar, Pengutronix
Copyright 2012 Stefan Roese Stefan Roese <sr@denx.de>
Copyright 2012 Simon Arlott, Chris Boot, Stephen Warren
Copyright 2012 Simon Arlott
Copyright 2012 Shawn Guo <shawn.guo@linaro.org>
Copyright 2012 STEC, Inc.
Copyright 2012 ST Microelectronics (Alessandro Rubini)
Copyright 2012 ST Ericsson.
Copyright 2012 Red Hat.
Copyright 2012 Red Hat, Inc. Doug Ledford <dledford@redhat.com>
Copyright 2012 Red Hat, Inc <mjg@redhat.com> Author: Matthew Garrett
Copyright 2008-2012 Red Hat <mjg@redhat.com>
Copyright 2012 Philippe Retornaz, <philippe.retornaz@epfl.ch>
Copyright 2012 Pavel Machek <pavel@denx.de>
Copyright 2012 Nouveau community
Copyright 2012 Matt Evans & Michael Neuling, IBM Corporation.
Copyright 2012 Marvell International Ltd.
Copyright 2012 Maarten Lankhorst

Copyright 2012 Linaro Ltd. Anton Vorontsov <anton.vorontsov@linaro.org>
Copyright 2012 Kim Phillips, Freescale Semiconductor.
Copyright 2012 Javier Martin, Vista Silicon <javier.martin@vista-silicon.com>
Copyright 2012 Intel Corporation Author: Josh Triplett <josh@joshtriplett.org>
Copyright 2012 Dialog Semiconductors Ltd.
Copyright 2012 Dialog Semiconductor Ltd.
Copyright 2012 Denis Carikli <GNUtoo@no-log.org>
Copyright 2010-2012 Calxeda, Inc.
Copyright 2012 CS Systemes d'Information
Copyright 2012 Benjamin Herrenschmidt, IBM Corporation.
Copyright 2012 Alexandre Pereira da Silva <aletes.xgr@gmail.com>
Copyright 2012 (C), Thomas Petazzoni <thomas.petazzoni@free-electrons.com>
Copyright 2012 (C), Jason Cooper <jason@lakedaemon.net>
Copyright 2007-2015 IBM Corp.
Copyright 2011-2014, ARM Ltd.
Copyright 2011-2014 Autronica Fire and Security AS
Copyright 2010-2013 Texas Instruments Inc.
Copyright 2000-2013 Broadcom Corporation
Copyright 2011-2012, Pavel Zubarev <pavel.zubarev@gmail.com>
Copyright 2011-2012 NVIDIA, Inc.
Copyright 2010-2012 Maxim Integrated Products
Copyright 2010-2011 -2 Wolfson Microelectronics plc
Copyright 2011-2 Wolfson Microelectronics PLC. Author: Mark Brown
<broonie@opensource.wolfsonmicro.com>
Copyright 2011, Siemens AG written by Alexander Smirnov
<alex.bluesman.smirnov@gmail.com>
Copyright 2011, Netlogic Microsystems.
Copyright 2011, Dmitry Eremin-Solenikov
Copyright 2005-2011 , Broadcom Corporation
Copyright 2011 bct electronic GmbH
Copyright 2011 Xillybus Ltd.
Copyright 2011 Wolfson Microelectronics plc Mark Brown
<broonie@opensource.wolfsonmicro.com>
Copyright 2011 Wolfson Microelectronics plc Author: Mark Brown
<broonie@opensource.wolfsonmicro.com>
Copyright 2006-2011 Wolfson Microelectronics
Copyright 2011 Wolfram Sang, Pengutronix e.K.
Copyright 2011 Wind River Systems, Inc.
Copyright 2011 Vista Silicon S.L.
Copyright 2011 The Chromium Authors, All Rights Reserved.
Copyright 2003-2011 Simtec Electronics Ben Dooks <ben@simtec.co.uk>
Copyright 2011 Red Hat, Inc., Peter Zijlstra
Copyright 2009-2011 Red Hat, Inc. and/or its affiliates.
Copyright 2011 Realtek Semiconductor Corp. Author: Johnny Hsu <johnnyhsu@realtek.com>
Copyright 2011 Realtek Microelectronics Author: Johnny Hsu <johnnyhsu@realtek.com>
Copyright 2011 Picochip, Jamie Iles.
Copyright 2011 Microsoft
Copyright 2011 Matt Evans <matt@ozlabs.org>, IBM Corporation
Copyright 2011 Marvell. <jyli@marvell.com>
Copyright 2011 Lars-Peter Clausen <lars@metafoo.de>
Copyright 2011 Jonathan Corbet corbet@lwn.net
Copyright 2011 Intel Corporation; author Matt Fleming
Copyright 2003-2011 Intel Corporation
Copyright 2004-2014 Freescale Semiconductor, Inc. All Rights Reserved.
Copyright 2011 Fenghua Yu <fenghua.yu@intel.com>

Copyright 2011 Christian König. All Rights Reserved.
Copyright 2011 Benjamin Herrenschmidt, IBM Corp.
Copyright 2011 Benjamin Herrenschmidt <benh@kernel.crashing.org>, IBM Corp.
Copyright 2011 Analog Devices Inc. Author: Yi Li <yi.li@analog.com> Author: Lars-Peter Clausen <lars@metafoo.de>
Copyright 2011 - 2012 Cavium, Inc.
Copyright 2011 (c) Oracle Corp.
Copyright 2010-2015 Samuel Thibault <samuel.thibault@ens-lyon.org>
Copyright 2010-2015 Renesas Electronics Corporation
Copyright 2010-2013 Imagination Technologies Ltd.
Copyright 2010-2011a Analog Devices Inc.
Copyright 2010-2011, 2013 Freescale Semiconductor, Inc.
Copyright 2010-2011 Picochip Ltd., Jamie Iles.
Copyright 2010-2011 Paul Mackerras, IBM Corp. <paulus@au1.ibm.com>
Copyright 2008-2011 GE Intelligent Platforms Embedded Systems, Inc.
Copyright 2010-11 Wolfson Microelectronics plc
Copyright 2010,2011 Intel Corp. Author: Huang Ying <ying.huang@intel.com>
Copyright 2010, Lars-Peter Clausen <lars@metafoo.de>
Copyright 2010, 2011 Kent Overstreet <kent.overstreet@gmail.com>
Copyright 2010, 2011 David Jander <david@protonic.nl>
Copyright 2010 by Konrad Rzeszutek Wilk <konrad.wilk@oracle.com>
Copyright 2010 Wolfson Microelectronics, plc
Copyright 2010 Wolfram Sang <w.sang@pengutronix.de>
Copyright 2010 Steven Rostedt <srostedt@redhat.com>, Red Hat Inc.
Copyright 2010 Steven King <sfking@fdwdc.com>
Copyright 2009-2010 Sascha Hauer, Pengutronix <s.hauer@pengutronix.de>
Copyright 2010 Samsung Electronics Co., Ltd. Pawel Osciak <p.osciak@samsung.com>
Copyright 2010 PMC-Sierra, Inc, derived from irq_cpu.c
Copyright 2010 Orex Computed Radiography
Copyright 2010 OKI Semiconductors Ltd.
Copyright 2010 Nokia Corporation Contact: Felipe Balbi <felipe.balbi@nokia.com>
Copyright 2010 MontaVista Software, LLC. Anton Vorontsov <avorontsov@ru.mvista.com>
Copyright 2010 MontaVista Software, LLC. Anton Vorontsov <avorontsov@mvista.com>
Copyright 2010 Maurus Cuelenaere <mcuelenaere@gmail.com>
Copyright 2010 Matt Turner.
Copyright 2010 Google, Inc. Arve Hjørnøvåg <arve@android.com> Colin Cross <ccross@android.com>
Copyright 2010 Eric Bénard, Eukréa Electromatique <eric@eukrea.com>
Copyright 2010 Cisco Systems, Inc. All rights reserved. Author: Tom Lyon, pugs@cisco.com
Copyright 2010 Canonical, Ltd. Author: Kees Cook <kees.cook@canonical.com>
Copyright 2004-2010 Arnaud Patard <arnaud.patard@rtp-net.org>
Copyright 2010 ARM Ltd.
Copyright 2010 - 2015 UNISYS CORPORATION All rights reserved.
Copyright 2010 (c) ST-Ericsson AB
Copyright 2009-2011 Marvell. <yuxiangl@marvell.com>
Copyright 2009-2010 Pengutronix Uwe Kleine-Koenig <u.kleine-koenig@pengutronix.de>
Copyright 2009-2010 Intel Corp. Author: Huang Ying <ying.huang@intel.com>
Copyright 2009-2010 Integrated Device Technology, Inc. Alexandre Bounine <alexandre.bounine@idt.com>
Copyright 2009-2010 Creative Product Design Marc Reilly marc@cpdesign.com.au
Copyright 2009-2010 Canonical Ltd.
Copyright 2009-12 Wolfson Microelectronics plc
Copyright 2009-12 Wolfson Microelectronics
Copyright 2009-10 Wolfson Microelectronics, plc
, 2010-2013 Freescale Semiconductor Inc.

Copyright 2009-2011 Jonathan Corbet <corbet@lwn.net>
Copyright 2009, 2010, Nick Piggin, Novell Inc.
Copyright 2009, 2010, Christian Lamparter <chunkeey@googlemail.com>
Copyright 2009, 2010, Christian Lamparter <chunkeey@googlemail.com>
Copyright 2009 by Karsten Keil <keil@isdn4linux.de>
Copyright 2009 Wolfson Microelectronics. PLC.
Copyright 2009 Wolfson Microelectronics Mark Brown
<broonie@opensource.wolfsonmicro.com>
Copyright 2009 VMware, Inc.
Copyright 2009-2009 Sysgo AG Thomas Moll <thomas.moll@sysgo.com>
Copyright 2009 Simtec Electronics <linux@simtec.co.uk>
Copyright 2004-2009 Simtec Electronics
Copyright 2009 Semihalf.
Copyright 2009 Sascha Hauer, s.hauer@pengutronix.de
Copyright 2009 Peter Korsgaard <jacmet@sunsite.dk>
Copyright 2009 Pengutronix, Sascha Hauer <s.hauer@pengutronix.de>
Copyright 2009 Novell. All Rights Reserved.
Copyright 2009 Marcin Koscielnicki
Copyright 2009 Krzysztof Helt.
Copyright 2008-2009 Jon Smirl, Digispeaker Author: Jon Smirl <jonsmirl@gmail.com>
Copyright 2009 John F. Reiser <jreiser@BitWagon.com>. All rights reserved.
Copyright 2008-2009 Jerome Glisse. All Rights Reserved.
Copyright 2009 Jerome Glisse.
Copyright 2009 Janusz Krzysztofik <jkrzysztof@tis.icnet.pl>
Copyright 2009 Intel Corporation; author H. Peter Anvin
Copyright 2009 Intel Corporation. Huang Ying <ying.huang@intel.com>
Copyright 2009 Integrated Device Technology, Inc. Alex Bounine
<alexandre.bounine@idt.com>
Copyright 2009 Integrated Device Technology, Inc.
Copyright 2009 Harris Corporation, Steven A. Falco <sfalco@harris.com>
Copyright 2009 Geert Uytterhoeven
Copyright 2009 Cyber Switching, Inc.
Copyright 2009 Christian Pellegrin EVOL S.r.l.
Copyright 2009 Christian König.
Copyright 2009 Benjamin Herrenschmidt, IBM Corpbenh@kernel.crashing.org
Copyright 2009 Ben Skeggs
Copyright 2009 Albert Herranz <albert_herranz@yahoo.es>
Copyright 2006-2010 Johannes Berg <johannes@sipsolutions.net>
Copyright 2008/2009 Benjamin Herrenschmidt, IBM Corpbenh@kernel.crashing.org>
Copyright 2008-2013 Cisco Systems, Inc
Copyright 2008-2011 Luis R. Rodriguez <mcgrof@qca.qualcomm.com>
Copyright 2008-2014 Cisco Systems, Inc. All rights reserved.
Copyright 2008-2009, 2011 Freescale Semiconductor, Inc.
Copyright 2008-2009 Paul Mackerras, IBM Corporation.
Copyright 2002-2009 MontaVista Software, Inc.
Copyright 2008-2009 Freescale Semiconductor, Inc. All Rights Reserved. Author: Alan Carvalho
de Assis <acassis@gmail.com>
Copyright 2008-2009 Analog Devices Inc. 2008 GeoTechnologies Vitja Makarov
Copyright 2008-11 Wolfson Microelectronics PLC. Author: Mark Brown
<broonie@opensource.wolfsonmicro.com>
Copyright 2008,2012,2015 Freescale Semiconductor, Inc.
Copyright 2008-2010 Anton Vorontsov <cbouatmailru@gmail.com>
Copyright 2008-2009 Ben Herrenschmidt <benh@kernel.crashing.org> IBM Corp.
Copyright 2006-2008 , Johannes Berg <johannes@sipsolutions.net>
Copyright 2008, Freescale Semiconductor, Inc. All rights reserved.

Copyright 2008, 2009 Wolfson Microelectronics PLC. Author: Mark Brown
<broonie@opensource.wolfsonmicro.com>
Copyright 2008, 2009 Luis R. Rodriguez <lrodriguez@atheros.com>
Copyright 2008 ioogle, Inc. All rights reserved.
Copyright 2008 by Steven Rostedt, Red Hat, Inc.
Copyright 2008 by Karsten Keil <kkeil@novell.com>
Copyright 2005-2008 Wolfson Microelectronics PLC. Author: Liam Girdwood
<lrg@slimlogic.co.uk>
Copyright 2008 Wind River Systems Inc.
Copyright 2008 Vitaly Mayatskikh <vmayatsk@redhat.com>
Copyright 2008 Thomas Bogendoerfer <tsbogend@alpha.franken.de>
Copyright 2001-2008 Tensilica Inc.
Copyright 2008 Stefan Roese <sr@denx.de>, DENX Software Engineering
Copyright 2008 SlimLogic Ltd.
Copyright 2008 Simtec Electronics, Ben Dooks <ben@simtec.co.uk>
Copyright 2008 SigmaTel, Inc
Copyright 2008 Sean MacLennan, PIKA Technologies
Copyright 2008 Sascha Hauer, kernel@pengutronix.de
Copyright 2007-2008 Rusty Russell IBM Corporation
Copyright 2008 Red Hat Inc. Author: Steven Rostedt <srostedt@redhat.com>.
Copyright 2008 Realtek Microelectronics Author: flove <flove@realtek.com> Ethan
<eku@marvell.com>
Copyright 2005-2008 Pierre Ossman
Copyright 2008 PIKA Technologies Sean MacLennan <smaclennan@pikatech.com>
Copyright 2008 Openmoko, Inc. Simtec Electronics, Ben Dooks <ben@simtec.co.uk>
Copyright 2008 Openmoko, Inc.
Copyright 2008 Openmoko Inc.
Copyright 2007-2008 Michael Wu <flamingice@sourmilk.net>
Copyright 2008 Marvell. <kewei@marvell.com>
Copyright 2008 Martin Fuzzey, mfuzzey@gmail.com
Copyright 2008 Luis Carlos Cobo <luisca@cozybit.com>
Copyright 2008 Kristoffer Ericson <kristoffer.ericson@gmail.com>
Copyright 2008 Juergen Beisert, kernel@pengutronix.de
Copyright 2008 Jouni Malinen <jouni.malinen@atheros.com>
Copyright 2007-2008 Jon Loeliger, Freescale Semiconductor, Inc.
Copyright 2008 JMicon Technology Corporation.
Copyright 2008 Intel Corporation Author: Andi Kleen
Copyright 2008 Intel Corporation <hong.liu@intel.com>
Copyright 2008 Ian Molton <spyro@f2s.com>
Copyright 2008 IBM Corporation, 2008 Author Mel Gorman <mel@csn.ul.ie>
Copyright 2008 Guennadi Liakhovetski, DENX Software Engineering, <lg@denx.de>
Copyright 2008 Frank Edelhaeuser, Spansion Inc.
Copyright 2008 Embedded Alley Solutions, Inc.
Copyright 2008 Embedded Alley Solutions, Inc All Rights Reserved.
Copyright 2008 Colin McCabe <colin@cozybit.com>
Copyright 2008 Cavium Networks Richard Liu <richard.liu@caviumnetworks.com>
Copyright 2008 Cavium Networks
Copyright 2008 Ben Dooks <ben-linux@fluff.org>
Copyright 2008 Atmel
Copyright 2008 - 2013 Xilinx, Inc.
Copyright 2008 (c) Intel Corporation Jesse Barnes <jbarnes@virtuousgeek.org>
Copyright 2007-2012 Siemens AG
Copyright 2007-2010 , Intel Corporation
Copyright 2007-2010 Wolfson Microelectronics PLC. Author: Graeme Gregory
Graeme.Gregory@wolfsonmicro.com

Copyright 2007-2009 Stuart Bennett
Copyright 2007-2009 Analog Devices Inc. Philippe Gerum <rpm@xenomai.org>
Copyright 2007-2008,2010 Freescale Semiconductor, Inc.
Copyright 2007-2008 rPath, Inc. - All Rights Reserved
Copyright 2007-2008 OpenedHand Ltd.
Copyright 2006-2008 Michael Buesch <m@bues.ch>
Copyright 2007-2008 Extreme Engineering Solutions, Inc.
Copyright 2007-11 Wolfson Microelectronics, plc
Copyright 2007-11 Advanced Micro Devices, Inc.
Copyright 2007-2014 Andrea Merello <andrea.merello@gmail.com>
Copyright 2007, Red Hat Inc. Peter Zijlstra.
Copyright 2007, Olof Johansson, PA Semi
Copyright 2007, Michael Wu <flamingice@sourmilk.net>
Copyright 2007, Google Inc.
Copyright 2007, Domen Puncer <domen.puncer@telargo.com>
Copyright 2007, 2008, 2009 Wolfson Microelectronics PLC.
Copyright 2007, 2008 Siemens AG
Copyright 2007 rPath, Inc. All Rights Reserved
Copyright 2007 Wolfson Microelectronics PLC. Author: Graeme Gregory
graeme.gregory@wolfsonmicro.com
Copyright 2007 Steven Rostedt, Red Hat, Inc.
Copyright 2007 Steven Brown <sbrown@cortland.com>
Copyright 2007 Stephane Marchesin All Rights Reserved.
Copyright 2006-2007 Sony Corp.
Copyright 2007 SBS Technologies GmbH & Co.
Copyright 2007 Rusty Russell <rusty@rustcorp.com.au> IBM Corporation
Copyright 2007 Raymarine UK, Ltd. All Rights Reserved.
Copyright 2007 Rafael J. Wysocki <rjw@sisk.pl>
Copyright 2007 OpenVZ SWsoft Inc Author: Pavel Emelianov <xemul@openvz.org>
Copyright 2007 Nuova Systems, Inc. All rights reserved.
Copyright 2007 Matthieu CASTET <castet.matthieu@free.fr> All Rights Reserved.
Copyright 2007 Maarten Maathuis
Copyright 2007 Juergen Beisert @ Pengutronix (j.beisert@pengutronix.de)
Copyright 2007 Jiri Kosina, SUSE Labs.
Copyright 2007 Intel Corporation Author: Matthew Wilcox <willy@linux.intel.com>
Copyright 2007 Freescale Semiconductor, Inc. Author: Scott Wood
<scottwood@freescale.com>
Copyright 2007 Florian Fainelli <florian@openwrt.org>
Copyright 2007 Dension Audio Systems Ltd. Author: Zoltan Devai
Copyright 2007 David Gibson, IBM Corporation.
Copyright 2007 David Gibson <dwg@au1.ibm.com>, IBM Corporation.
Copyright 2007 Dave Airlie All Rights Reserved.
Copyright 2007 DENX Software Engineering, Stefan Roese <sr@denx.de>
Copyright 2007 Benjamin Herrenschmidt, IBM Corp. benh@kernel.crashing.org>
Copyright 2005-2007 Andi Kleen, SUSE Labs.
Copyright 2007 (c) Ian Molton <spyro@f2s.com>
Copyright 2006-7 Jonathan Corbet <corbet@lwn.net>
Copyright 2006-2008, IBM Corporation.
Copyright 2006-2008, 2011-2012 Freescale Semiconductor Inc.
Copyright 2006-2008 Sam Ravnborg.
Copyright 2006-2008 Analog Devices Inc. Bryan Wu <bryan.wu@analog.com>
Copyright 2006-2007 Secret Lab Technologies Ltd. Grant Likely <grant.likely@secretlab.ca>
Copyright 2006-2010 Michael Ellerman, IBM Corp.
Copyright 2006-2007 Helge Deller (deller@gmx.de)
Copyright 2005-2007 Jiri Benc <jbenc@suse.cz>

Copyright 2006-12 Wolfson Microelectronics, plc
Copyright 2006-11 One Laptop Per Child Association, Inc.
Copyright 2006-11 Jonathan Corbet <corbet@lwn.net>
Copyright 2006, Segher Boessenkool, IBM Corporation.
Copyright 2005-2006 , Red Hat, Inc., Ingo Molnar
Copyright 2006, 2007, Michael Buesch <m@bues.ch>
Copyright 2006-2012 Sony Corporation
Copyright 2006 Tungsten Graphics, Inc., Bismarck, ND., USA. All Rights Reserved.
Copyright 2006 Tejun Heo <htejun@gmail.com>
Copyright 2006 Stephane Marchesin
Copyright 2006 Stefan Roesse, DENX Software Engineering
Copyright 2006 Phil Sutter.
Copyright 2006 PathScale, Inc. All Rights Reserved.
Copyright 2006 One Laptop Per Child Association, Inc.
Copyright 2006 Moschip Semiconductor Tech. Ltd.
Copyright 2006 Microsoft Corporation.
Copyright 2006 Jake Moilanen <moilanen@austin.ibm.com>, IBM Corp.
Copyright 2006 IBM Corp., Christian Krafft <krafft@de.ibm.com>
Copyright 2005-2006 Hewlett-Packard Development Company, L.P.
Copyright 2006 Herbert Valerio Riedel <hvr@gnu.org>
Copyright 2006 Endrelia Technologies Inc.
Copyright 2006 Dave Airlie <airlied@linux.ie>
Copyright 2006 Dave Airlie
Copyright 2006 Arcom Control Systems Ltd.
Copyright 2006 - Florian Fainelli <florian@openwrt.org>
Copyright 2005-2006 (c) MontaVista Software, Inc.
Copyright 2005-2007 PMC-Sierra, Inc, Author: Jun Sun, jsun@mvista.com.
Copyright 2002-2006 , Devicescape Software, Inc.
Copyright 2005-2006 PMC-Sierra, Inc, Author: Andrew Hughes, Andrew_Hughes@pmc-sierra.com
Copyright 2005-2006 Openedhand Ltd. Author: Richard Purdie <rpurdie@openedhand.com>
Copyright 2005-2006 Openedhand Ltd.
Copyright 2005-2006 Luc Verhaegen
Copyright 2001-2006 Ian Kent <raven@themaw.net>
Copyright 2005-2006 Erik Waling
Copyright 2005-06 Tower Technologies
Copyright 2005,2008 Wolfson Microelectronics PLC. Author: Liam Girdwood Mark Brown <broonie@opensource.wolfsonmicro.com>
Copyright 2005,2006 Hebert Valerio Riedel <hvr@gnu.org>
Copyright 2005, Embedded Alley Solutions, Inc. Matt Porter <mporter@embeddedalley.com>
Copyright 2005 Wolfson Microelectronics PLC. Author: Liam Girdwood lrg@slimlogic.co.uk
Copyright 2005 Thomas Hellstrom. All Rights Reserved.
Copyright 2005 Stephane Marchesin. All Rights Reserved.
Copyright 2005 Stanislav Marek email: pisa@cmp.felk.cvut.cz
Copyright 2005 MontaVista Software, Inc. Matt Porter <mporter@kernel.crashing.org>
Copyright 2005 MontaVista Software
Copyright 2005 Mentor Graphics Corporation
Copyright 2005 Lab126, Inc.
Copyright 2005 Eric Anholt All Rights Reserved.
Copyright 2005 (C) Jes Sorensen <jes@trained-monkey.org>
Copyright 2004-2013 Synopsys, Inc.
Copyright 2004-2009 Analog Devices Inc. 2008-2009 Bluetechnix 2005 National ICT Australia (NICTA) Aidan Williams <aidan@nicta.com.au>
Copyright 2004-2009 Analog Devices Inc. 2005 National ICT Australia (NICTA) Aidan Williams <aidan@nicta.com.au>

Copyright 2004-2009 Analog Devices Inc. 2003 Bas Vermeulen <bas@buyways.nl>
 Copyright 2004-2007, 2014 Freescale Semiconductor, Inc. All Rights Reserved.
 Copyright 2004-2007, 2010-2015 Freescale Semiconductor, Inc.
 Copyright 2004-2006 Pavel Pisa - DCE FELK CVUT cz
 Copyright 2004-2006 Jean-Baptiste Note <jbnote@gmail.com>
 Copyright 2004-2006 Atmel Corporation
 Copyright 2004-2007 Simtec Electronics, Ben Dooks <ben@simtec.co.uk>
 Copyright 2004-2005 Red Hat, Inc. Jeff Garzik <jgarzik@pobox.com>
 Copyright 2004-2005 Phil Blundell
 Copyright 2004-2005 Andrea Merello <andrea.merello@gmail.com>, et al.
 Copyright 2004-2005 Andrea Arcangeli <andrea@cpushare.com>
 Copyright 2004, 2007, 2012 Freescale Semiconductor, Inc
 Copyright 2004, Matt Porter <mporter@kernel.crashing.org>
 Copyright 2004 Zwane Mwaikambo <zwane@linuxpower.ca>
 Copyright 2004 Randolph Chung (tausq@debian.org)
 Copyright 2004 NVIDIA Corp. All rights reserved.
 Copyright 2004 Motorola Inc.
 Copyright 2004 Matt Porter <mporter@kernel.crashing.org>
 Copyright 2004 James Cleverdon, IBM.
 Copyright 2004 IDT Inc. (rischelp@idt.com)
 Copyright 2004 Freescale Semiconductor, Inc. Kumar Gala <galak@kernel.crashing.org>
 Copyright 2004 Felix Kuehling All Rights Reserved.
 Copyright 2004 Digi International, Scott H Kilau <Scott_Kilau at digi dot com>
 Copyright 2004 BEAM Ltd.
 Copyright 2004 Antonino Daplas <adaplas@pol.net>
 Copyright 2004 Andrew Chew
 Copyright 2003-2013 Broadcom Corporation. All Rights Reserved.
 Copyright 2003-2011 NetLogic Microsystems, Inc. (NetLogic). All rights reserved.
 Copyright 2003-2009, 2014-2015 Red Hat, Inc.
 Copyright 2003-2011 Red Hat Inc. All Rights Reserved.
 Copyright 2003-2008 , Jouni Malinen <j@w1.fi>
 Copyright 2003-2007 Red Hat Inc., Durham, North Carolina. All Rights Reserved.
 Copyright 2003-2006, 2008-2009, 2011 Freescale Semiconductor, Inc.
 Copyright 2003-2006 Red Hat, Inc. All rights reserved.
 Copyright 1999-2006 Jeff Garzik
 Copyright 2003-2005 Devicescape Software, Inc.
 Copyright 2002-2004 , Instant802 Networks, Inc.
 Copyright 2003-2004 Red Hat Inc., Durham, North Carolina.
 Copyright 2003-2004 (c) MontaVista, Software, Inc.
 Copyright 2003-11 Wolfson Microelectronics PLC. Author: Liam Girdwood
 <lrg@slimlogic.co.uk>
 Copyright 2000-2004 Andi Kleen, SuSE Labs.
 Copyright 2003, 2004 Andi Kleen SuSE Labs
 Copyright 2003, Jouni Malinen <jkmaline@cc.hut.fi>
 Copyright 2003, 2015 Yoshinori Sato <ysato@users.sourceforge.jp>
 Copyright 2001-2008 Pavel Machek <pavel@suse.cz>.
 Copyright 2003, 2004, 2005, 2006, 2007, 2008 Wolfson Microelectronics PLC. Author: Liam
 Girdwood <lrg@slimlogic.co.uk>
 Copyright 2003, 2004, 2005, 2006, 2007 Wolfson Microelectronics PLC. Author: Liam Girdwood
 <lrg@slimlogic.co.uk>
 Copyright 2003 Wichert Akkerman <wichert@wiggy.net>
 Copyright 2003 Tungsten Graphics, Inc., Cedar Park, Texas. All Rights Reserved.
 Copyright 2003 SuSE Linux AG.
 Copyright 2003-2003 PathScale, Inc.
 Copyright 2003 PathScale Inc

Copyright 2000-2003 MontaVista Software Inc.
Copyright 2003 Leif Delgass. All Rights Reserved.
Copyright 2003 Kai Gernaschewski
Copyright 2003 José Fonseca.
Copyright 2003 ICT CAS Author: Michael Guo <guoyi@ict.ac.cn>
Copyright 2003 Adam Belay <ambx1@neo.rr.com>
Copyright 2002-2011 OProfile authors
Copyright 2002-2009, 2011-2013 Freescale Semiconductor, Inc.
Copyright 2002-2009 OProfile.
Copyright 2002-2005 MontaVista Software, Inc. PowerPC 44x support, Matt Porter
<mporter@kernel.crashing.org>
Copyright 2002-2005 Micrel Inc.
Copyright 2002-2004, 2008-2009 Freescale Semiconductor, Inc.
Copyright 2002-2007 Rusty Russell, IBM Corporation
Copyright 2000-2008 H. Peter Anvin - All Rights Reserved
Copyright 2002-2003, Stephen Frost.
Copyright 2002-2003 Rusty Russell, IBM Corporation 2003 Kai Gernaschewski
Copyright 2001-2003 by Andi Kleen, SuSE Labs
Copyright 2002, Yoshinori Sato
Copyright 2002 by Kai Gernaschewski <kai.gernaschewski@gmx.de>
Copyright 2002 by Andreas Eversberg (jolly@eversberg.eu)
Copyright 2002 Tungsten Graphics, Inc., Cedar Park, Texas. All rights reserved.
Copyright 2002 TimeSys Corp.
Copyright 2002 Phil Karn, KA9Q.
Copyright 2002 Intel (eli.kupermann@intel.com, christopher.leech@intel.com,
scott.feldman@intel.com)
Copyright 2002 Integrated Device Technology, Inc. All rights reserved.
Copyright 2002 Hewlett-Packard Company
Copyright 2002 H. Peter Anvin
Copyright 2002 Andi Kleen.
Copyright 2002 (c) Intel Corporation
Copyright 2001-2015 IBM Corporation.
Copyright 1999-2004 Jeff Garzik <jgarzik@pobox.com>
Copyright 2001-2003, 2006 MontaVista Software Inc.
Copyright 2001-2003 S3 Graphics, Inc. All Rights Reserved.
Copyright 2001, Rik van Riel <riel@conectiva.com.br>.
Copyright 2001, Nicolas Pitre reworked by rmk.
Copyright 2001, 2007-2008 MontaVista Software Inc. Author: MontaVista Software, Inc.
<source@mvista.com>
Copyright 2001, 2002 by Robert Olsson <robert.olsson@its.uu.se> Uppsala University and
Swedish University of Agricultural Sciences
Copyright 2001, 2002 - Jani Monoses <jani@iv.ro>
Copyright 2001 by Micro Solutions, Inc.
Copyright 2001 by Intel Corp.
Copyright 2001 by Frode Isaksen <fisaksen@bewan.com> 2001 by Kai Gernaschewski
<kai.gernaschewski@gmx.de>
Copyright 2001 VA Linux Systems, Inc., Sunnyvale, California. All Rights Reserved.
Copyright 2001 Sun Microsystems (thockin@sun.com)
Copyright 2001 Patrick Mochel <mochel@osdl.org>
Copyright 2001 MontaVista Software Inc. Author: Jun Sun, jsun@mvista.com or
jsun@junsun.net
Copyright 2001 Manfred Spraul.
Copyright 2001 Compaq Computer Corporation.
Copyright 2000-2006 Alacritech, Inc. All rights reserved.
Copyright 2000-2002 David Brownell

Copyright 2000,2009-2015 Hewlett-Packard Development Company, L.P.
Copyright 2000,2001 The Linux Kernel Team
Copyright 2000,2001 Philipp Rumpf <prumpf@mandrakesoft.com>
Copyright 2000, Axis Communications AB
Copyright 2000, 2008 MontaVista Software Inc. Author: MontaVista Software, Inc.
<source@mvista.com>
Copyright 2000, 2006 IBM Corporation Author(s):Alan Altmark (Alan_Altmark@us.ibm.com)
Xenia Tkatschow (xenia@us.ibm.com)
Copyright 2000, 2001, 2002 Red Hat, Inc. All Rights Reserved.
Copyright 2000, 2001 (c) Trond Myklebust <trond.myklebust@fys.uio.no>
Copyright 2000 by Hans Reiser.
Copyright 2000 by Digi International
Copyright 2000 VA Linux Systems, Inc., Sunnyvale, California. All rights reserved.
Copyright 2000 VA Linux Systems, Inc., Sunnyvale, California.
Copyright 2000 VA Linux Systems, Inc., Fremont, California. All rights reserved.
Copyright 2000 VA Linux Systems, Inc., Fremont, California.
Copyright 2000 Hewlett Packard.
Copyright 2000 Deep Blue Solutions Ltd
Copyright 2000 ATI Technologies Inc., Markham, Ontario, and VA Linux Systems Inc., Fremont,
California.
Copyright 2000 Ani Joshi <ajoshi@kernel.crashing.org>
Copyright 1999-2002 Paul Mackerras.
Copyright 1999-2001 by Donald Becker.
Copyright 1999-2000 Red Hat Software.
Copyright 1999-2000 Jeremy Fitzhardinge <jeremy@goop.org>
Copyright 1999-2000 D. Jeff Dionne, <jeff@rt-control.com>
Copyright 1999, Thomas Davis, tadavis@lbl.gov.
Copyright 1999-2000 Precision Insight, Inc., Cedar Park, Texas.
Copyright 1999 SuSE GmbH (Philipp Rumpf, prumpf@tux.org)
Copyright 1999 Silicon Integrated System Corporation.
Copyright 1999 Roman Weissgaerber
Copyright 1999 Philipp Rumpf (prumpf@tux.org)
Copyright 1995-1999 Linus Torvalds
Copyright 1999 Hewlett Packard Co.
Copyright 1999 Gregory P. Smith
Copyright 1999-1999 Ben Pfaff and Petr Vandrovec
Copyright 1999-2003 ARM Limited
Copyright 1998-2004 H. Peter Anvin -- All Rights Reserved
Copyright 1998-2003 VIA Technologies, Inc. All Rights Reserved.
Copyright 1998-2001 by Jes Sorensen, <jes@trained-monkey.org>
Copyright 1998-2000 Red Hat, Inc. All Rights Reserved
Copyright 1998-2000 Jonathan Teh Soon Yew
Copyright 1998-1999 by Leonard N. Zubkoff <lnz@dandelion.com>
Copyright 1998-2000 Red Hat corp. All Rights Reserved
Copyright 1998,1999 SysKonnect, a business unit of Schneider & Koch & Co. Datensysteme
GmbH.
Copyright 1998 by Egbert Eich <Egbert.Eich@Physik.TU-Darmstadt.DE>
Copyright 1998 Red Hat corp, All Rights Reserved
Copyright 1998 Gerald Combs
Copyright 1998 Free Software Foundation, Inc.
Copyright 1997-2000, 2008 Pavel Machek <pavel@ucw.cz>
Copyright 1997-2000 Martin Mares <mj@ucw.cz>
Copyright 1997-1998 Transmeta Corporation -- All Rights Reserved
Copyright 1997-1998 Transmeta Corporation - All Rights Reserved
Copyright 1997,1998 Jakub Jelinek (jj@sunsite.mff.cuni.cz)

Copyright 1997 by Carsten Paeth <calle@calle.de>
Copyright 1997 Comtrol Corporation.
Copyright 1997 Andi Kleen <ak@muc.de>
Copyright 1996-1999 Thomas Bogendoerfer
Copyright 1996,1997 David S. Miller (davem@caip.rutgers.edu)
Copyright 1996, 1997, 1998 Hans Reiser
Copyright 1996, 1997 Linux International.
Copyright 1995-97 Simon G. Vogl 1998-99 Hans Berglund
Copyright 1995-2001 Russell King
Copyright 1995-1996 by Mylex Corporation. All Rights Reserved
Copyright 1995,96 by Thinking Objects Software GmbH Wuerzburg
Copyright 1995,96 by Michael Hipp (Michael.Hipp@student.uni-tuebingen.de)
Copyright 1995, Russell King.
Copyright 1995, 1996, 1998, 1999, 2000, 2003 Free Software Foundation, Inc.
Copyright 1994-2001 Stephen Rothwell (sfr@canb.auug.org.au)
Copyright 1994-1999 by Fritz Elfert (fritz@isdn4linux.de)
Copyright 1994, Tom Zerucha. tz@execpc.com
Copyright 1994, Drew Eckhardt
Copyright 1994, 1995 Digital Equipment Corporation.
Copyright 1993-2004 Jürgen E. Fischer
Copyright 1993-2003 NVIDIA, Corporation. All rights reserved.
Copyright 1993-2003 NVIDIA, Corporation
Copyright 1993-1999 Jürgen Fischer <fischer@norbit.de>
Copyright 1993, Drew Eckhardt Visionary Computing Unix and Linux consulting and custom programming) drew@colorado.edu 1 (303) 666-5836
Copyright 1993, Drew Eckhardt Visionary Computing Unix and Linux consulting and custom programming) drew@colorado.edu 1 (303) 440-4894
Copyright 1993, Drew Eckhardt Visionary Computing Unix and Linux consulting and custom programming) drew@Colorado.EDU
Copyright 1993, 1994: Eric Youngdale (ericy@cais.com).
Copyright 1993, 1994 Drew Eckhardt.
Copyright 1993, 1994 Drew Eckhardt, drew@Colorado.
Copyright 1993 by Theodore Ts'o.
Copyright 1993 United States Government as represented by the Director,National Security Agency.
Copyright 1993 United States Government as represented by the Director, National Security Agency.
Copyright 1993 Harm Hanemaayer .
Copyright 1993 -- 1997 Drew Eckhardt, Frederic Potter, David Mosberger-Tang
Copyright 1992, Linus Torvalds.
Copyright 1992 Hewlett-Packard Co.
Copyright 1992 - 2010 Kai Makisara email Kai.Makisara@kolumbus.fi
Copyright 1991-2012 Unicode, Inc. All rights reserved.
Copyright 1991, 1992, 1993, and by Julian Cowley, Copyright 1994.
Copyright (c)2006 - 2007 Myricom, Inc.
Copyright (c), 2005-2008 Siano Mobile Silicon, Inc.
Copyright (c), 2004-2005,2007-2010 Trident Microsystems, Inc. All rights reserved.
Copyright (c) by Phil Poole 2013
Copyright (c) by Jaroslav Kysela <perex@perex.cz>,Creative Labs, Inc.
Copyright (c) by Jaroslav Kysela <perex@perex.cz>, Hannu Savolainen 1993-1996, Rob Hooft
Copyright (c) by Jaroslav Kysela <perex@perex.cz>, Hannu Savolainen 1993-1996
Copyright (c) by Jaroslav Kysela <perex@perex.cz> Creative Labs, Inc. Lee Revell
<lrrevell@joe-job.com>
Copyright (c) by Jaroslav Kysela <perex@perex.cz> Abramo Bagnara <abramo@alsa-project.org>

Copyright (c) by Jaroslav Kysela <perex@perex.cz>
Copyright (c) by James Courtier-Dutton <James@superbug.co.uk>
Copyright (c) by Francisco Moraes <fmoraes@nc.rr.com>
Copyright (c) by David Shust, dshust@shuststring.com.
Copyright (c) by Abramo Bagnara <abramo@alsa-project.org>
Copyright (c) by 2007 Joachim Foerster <JOFT@gmx.de>
Copyright (c) YAEGASHI Takeshi, 2001
Copyright (c) Thiebaud Weksteen, 2015
Copyright (c) StreamUnlimited GmbH 2013 Marek Belisko
<marek.belisko@streamunlimited.com>
Copyright (c) Siemens AG, 2013
Copyright (c) Siemens AG, 2012, 2013
Copyright (c) Siemens AG, 2011-2013
Copyright (c) Siemens AG, 2011, 2012
Copyright (c) STMicroelectronics 2015
Copyright (c) Realtek Semiconductor Corp. All rights reserved.
Copyright (c) Nokia Corporation, 2007 Authors: Artem Bityutskiy, Frank Haverkamp
Copyright (c) Nokia Corporation, 2007
Copyright (c) Nokia Corporation, 2006, 2007
Copyright (c) Nokia Corporation, 2006
Copyright (c) MontaVista Software, Inc. 2008. Anton Vorontsov <avorontsov@ru.mvista.com>
Copyright (c) Microsoft Corporation
Copyright (c) Mauro Carvalho Chehab <mchehab@infradead.org>
Copyright (c) Matthew Wilcox 1999 <willy@bofh.ai>
Copyright (c) Marc A. Viredaz, 1998 DEC Western Research Laboratory, Palo Alto, CA Date
April 1998 (April 1997) .
Copyright (c) Marc A. Viredaz, 1998
Copyright (c) Logic Product Development, Inc. 2007 Peter Barada <peterb@logicpd.com>
Copyright (c) Jay Lan, SGI. 2006
Copyright (c) International Business Machines Corp., 2002-2013 Author(s): Steve French
(sfrench@us.ibm.com)
Copyright (c) International Business Machines Corp., 2008 Author(s): Steve French
(sfrench@us.ibm.com) Wang Lei (wang840925@gmail.com)
Copyright (c) International Business Machines Corp., 2006
Copyright (c) International Business Machines Corp., 2000-2009 Modified by Steve French
(sfrench@us.ibm.com)
Copyright (c) International Business Machines Corp., 2000,2009
Copyright (c) International Business Machines Corp., 2000,2002
Copyright (c) Intel Corp. Author: Huang Ying <ying.huang@intel.com>
Copyright (c) Intel Corp. 2007. All Rights Reserved.
Copyright (c) Ian Molton 2004, 2005, 2008
Copyright (c) Freescale Semicondutor, Inc. 2006-2011 . Shlomi Gridish
<gridish@freescale.com> Jerry Huang <Chang-Ming.Huang@freescale.com>
Copyright (c) Eicon Networks, 2002.
Copyright (c) Dmitry Baryshkov 2008.
Copyright (c) Dirk Opfer 2005.
Copyright (c) David L. Mills 1993
Copyright (c) Copyright 2014 Cisco Systems, Inc.
Copyright (c) Copyright 2001 Red Hat Inc.
Copyright (c) Clemens Ladisch <clemens@ladisch.de>
Copyright (c) Cisco 1999,2000
Copyright (c) Chris Humbert 2005
Copyright (c) Atmel Corporation. All rights reserved.
Copyright (c) Andrew Tridgell 1997-1998. Modified by Steve French (sfrench@us.ibm.com)
2002

Copyright (c) Amarula Solutions B.V. 2013
 Copyright (c) Adrian McMenamin, 2007-2008 - 2009
 Copyright (c) 2015, Sony Mobile Communications, AB.
 Copyright (c) 2014-2015 , Sony Mobile Communications Inc.
 Copyright (c) 2013-2015 , Sony Mobile Communications AB.
 Copyright (c) 2015, Red Hat, Inc.
 Copyright (c) 2014-2015 , ROCKCHIP CORPORATION. All rights reserved.
 Copyright (c) 2015, National Instruments Corp. Author: Moritz Fischer
 <moritz.fischer@ettus.com>
 Copyright (c) 2015, National Instruments Corp.
 Copyright (c) 2010-2015 , NVIDIA CORPORATION. All rights reserved.
 Copyright (c) 2015, Mellanox Technologies inc. All rights reserved.
 Copyright (c) 2015, Linaro Ltd.
 Copyright (c) 2014-2015 , Linaro Limited
 Copyright (c) 2002-2015 , Intel Corporation.
 Copyright (c) 2015, Intel Corporation Authors: Tadeusz Struk <tadeusz.struk@intel.com>
 Copyright (c) 2015, Intel Corporation Author: Lv Zheng <lv.zheng@intel.com>
 Copyright (c) 2015, Fuzhou Rockchip Electronics Co., Ltd Caesar Wang <wxt@rock-chips.com>
 Copyright (c) 2015, Daniel Thompson
 Copyright (c) 2015, Collabora Ltd.
 Copyright (c) 2015, Christoph Hellwig.
 Copyright (c) 2015, Christoph Hellwig <hch@lst.de>.
 Copyright (c) 2015, Boaz Harrosh <boaz@plexistor.com>.
 Copyright (c) 2015, Applied Micro Circuits Corporation Authors: Rameshwar Prasad Sahu
 <rsahu@apm.com> Loc Ho <lho@apm.com>
 Copyright (c) 2015, Applied Micro Circuits Corporation Author: Iyappan Subramanian
 <isubramanian@apm.com>
 Copyright (c) 2015, Applied Micro Circuits Corporation Author: Feng Kan <fkan@apm.com> Loc
 Ho <lho@apm.com>
 Copyright (c) 2015 Weida Hi-Tech Co., Ltd. HN Chen <hn.chen@weidahitech.com>
 Copyright (c) 2010-2015 The Linux Foundation. All rights reserved.
 Copyright (c) 2015 Terry Junge <terry.junge@plantronics.com>
 Copyright (c) 2014-2015 Takashi Sakamoto <o-takashi@sakamocchi.jp>
 Copyright (c) 2013-2015 Takashi Sakamoto
 Copyright (c) 2015 Steve French <steve.french@primarydata.com>
 Copyright (c) 2015 Shrijeet Mukherjee <shm@cumulusnetworks.com>
 Copyright (c) 2015 Sasha Levin <sasha.levin@oracle.com>
 Copyright (c) 2015 Samsung Electronics Co., Ltd. Bartlomiej Zolnierkiewicz
 <b.zolnierkie@samsung.com>
 Copyright (c) 2014-2015 Samsung Electronics Co., Ltd. Author: Andrey Ryabinin
 <ryabinin.a.a@gmail.com>
 Copyright (c) 2015 Samsung Electronics Authors: Jaegeuk Kim <jaegeuk@kernel.org> Chao Yu
 <chao2.yu@samsung.com>
 Copyright (c) 2015 Rockchip Electronics Co. Ltd. Author: Caesar Wang <wxt@rock-chips.com>
 Copyright (c) 2011-2015 Qualcomm Atheros, Inc.
 Copyright (c) 2003-2015 QLogic Corporation
 Copyright (c) 2015 Pengutronix, Sascha Hauer <kernel@pengutronix.de>
 Copyright (c) 2015 Pengutronix, Philipp Zabel <p.zabel@pengutronix.de>
 Copyright (c) 2012-2015 Pablo Neira Ayuso <pablo@netfilter.org>
 Copyright (c) 2011-2015 PLUMgrid.
 Copyright (c) 2006-2015 Oracle. All rights reserved.
 Copyright (c) 2015 Oracle and/or its affiliates. All Rights Reserved.
 Copyright (c) 2015 Oliver Neukum <oneukum@suse.com>
 Copyright (c) 2007-2015 Nicira, Inc.
 Copyright (c) 2015 Neil Armstrong

Copyright (c) 2015 Melexis
 Copyright (c) 2015 MediaTek Inc. Author: YH Huang <yh.huang@mediatek.com>
 Copyright (c) 2015 MediaTek Inc. Author: Mars.C <mars.cheng@mediatek.com>
 Copyright (c) 2015 MediaTek Inc. Author: Leilk Liu <leilk.liu@mediatek.com>
 Copyright (c) 2015 MediaTek Inc. Author: Koro Chen <koro.chen@mediatek.com> Sascha Hauer <s.hauer@pengutronix.de> Hidalgo Huang <hidalgo.huang@mediatek.com> Ir Lian <ir.lian@mediatek.com>
 Copyright (c) 2015 MediaTek Inc. Author: Koro Chen <koro.chen@mediatek.com>
 Copyright (c) 2014-2015 MediaTek Inc. Author: James Liao <jamesjj.liao@mediatek.com>
 Copyright (c) 2015 MediaTek Inc. Author: Hongzhou.Yang <hongzhou.yang@mediatek.com> Yingjoe Chen <yingjoe.chen@mediatek.com>
 Copyright (c) 2015 MediaTek Inc. Author: Henry Chen <henryc.chen@mediatek.com>
 Copyright (c) 2015 MediaTek Inc. Author: Chunfeng Yun <chunfeng.yun@mediatek.com>
 Copyright (c) 2014-2015 Measurement-Specialties.
 Copyright (c) 2015 Markus Stockhausen <stockhausen@collogia.de>
 Copyright (c) 2015 Lukasz Majewski <l.majewski@samsung.com> Anand Moon <linux.amoon@gmail.com>
 Copyright (c) 2015 Lukas Wunner <lukas@wunner.de>
 Copyright (c) 2015 Linear Technology
 Copyright (c) 2015 Linaro Ltd. Author: Pi-Cheng Chen <pi-cheng.chen@linaro.org>
 Copyright (c) 2010-2015 Linaro Ltd.
 Copyright (c) 2012-2015 Linaro Limited.
 Copyright (c) 2015 Kuninori Morimoto <kuninori.morimoto.gx@renesas.com>
 Copyright (c) 2015 Krzysztof Kozlowski
 Copyright (c) 2015 Kontron Author: Vadim V. Vlasov <vvlasov@dev.rtsoft.ru>
 Copyright (c) 2015 Joachim Eastwood <manabian@gmail.com>
 Copyright (c) 2015 Jiri Pirko <jiri@mellanox.com>
 Copyright (c) 2014-2015 Jaegeuk Kim <jaegeuk@kernel.org>
 Copyright (c) 2015 Intel Deutschland GmbH
 Copyright (c) 2004-2015 Intel Corporation. All rights reserved.
 Copyright (c) 2015 Imagination Technologies Author: Alex Smith <alex@alex-smith.me.uk>
 Copyright (c) 2015 Ido Schimmel <idosch@mellanox.com>
 Copyright (c) 2012-2015 Hisilicon Limited.
 Copyright (c) 2003-2015 Herbert Xu <herbert@gondor.apana.org.au>
 Copyright (c) 2012-2015 Heiko Stuebner <heiko@sntech.de>
 Copyright (c) 2012-2015 Guenter Roeck
 Copyright (c) 2015 FUJITSU LIMITED
 Copyright (c) 2015 Essensium NV
 Copyright (c) 2015 Endless Mobile, Inc. Author: Carlo Caione <carlo@endlessm.com>
 Copyright (c) 2015 Elad Raz <eladr@mellanox.com>
 Copyright (c) 2015 Dialog Semiconductor Ltd.
 Copyright (c) 2012-2015 Dialog Semiconductor
 Copyright (c) 2015 Denys Vlasenko
 Copyright (c) 2015 David Ahern <dsa@cumulusnetworks.com>
 Copyright (c) 2015 Cumulus Networks. All rights reserved.
 Copyright (c) 2015 Cumulus Networks
 Copyright (c) 2015 Collabora Ltd. Author: Sjoerd Simons <sjoerd.simons@collabora.co.uk>
 Copyright (c) 2015 Clement Vuchener
 Copyright (c) 2015 Chen-Yu Tsai
 Copyright (c) 2011-2015 Cambridge Silicon Radio Limited, a CSR plc group company.
 Copyright (c) 2015 CMC Electronics, Inc.
 Copyright (c) 2015 Broadcom Corporation. All rights reserved.
 Copyright (c) 2015 Benjamin Tissoires
 Copyright (c) 2015 BMW Car IT GmbH
 Copyright (c) 2015 Azael Avalos <coproscefalo@gmail.com>

Copyright (c) 2015 Axentia Technologies AB Author: Peter Rosin <peda@axentia.se>
 Copyright (c) 2015 Armadeus Systems
 Copyright (c) 2015 Ariel D'Alessandro <ariel@vanguardiasur.com>
 Copyright (c) 2006-2015 ARM Ltd.
 Copyright (c) 2015 6WIND S.A. Author: Nicolas Dichtel <nicolas.dichtel@6wind.com>
 Copyright (c) 2009-2015 , The Linux Foundation. All rights reserved.
 Copyright (c) 2014-2015 , Ericsson AB All rights reserved.
 Copyright (c) 2014-2015 Thomas Graf <tgraf@suug.ch>
 Copyright (c) 2014-2015 Scott Feldman <sfeldma@gmail.com>
 Copyright (c) 2014-2015 Samsung Electronics Co., Ltd. Author : Chanwoo Choi
 <cw00.choi@samsung.com>
 Copyright (c) 2006-2015 QLogic Corporation. All rights reserved.
 Copyright (c) 2014-2015 QLogic Corporation All rights reserved.
 Copyright (c) 2014-2015 MediaTek Inc. Author: Tianping.Fang <tianping.fang@mediatek.com>
 Copyright (c) 2014-2015 MediaTek Inc. Author: Hongzhou.Yang
 <hongzhou.yang@mediatek.com>
 Copyright (c) 2014-2015 MediaTek Inc. Author: Chaotian.Jing <chaotian.jing@mediatek.com>
 Copyright (c) 2013-2015 Jiri Pirko <jiri@resnulli.us>
 Copyright (c) 2014-2015 Imagination Technologies Ltd.
 Copyright (c) 2014-2015 Google Inc.
 Copyright (c) 2003-2015 Broadcom Corporation
 Copyright (c) 2014-2015 Andrew Lutomirski
 Copyright (c) 2014,2015 Ken Xue <Ken.Xue@amd.com> Jeff Wu <Jeff.Wu@amd.com>
 Copyright (c) 2014,2015 AMD Corporation. Authors: Ken Xue <Ken.Xue@amd.com> Wu, Jeff
 <Jeff.Wu@amd.com>
 Copyright (c) 2014, The Chromium OS Authors. All rights reserved.
 Copyright (c) 2014, Steffen Trumtrar <s.trumtrar@pengutronix.de>
 Copyright (c) 2014, QLogic Corporation
 Copyright (c) 2014, Primary Data, Inc. All rights reserved.
 Copyright (c) 2014, Patrik Jakobsson All Rights Reserved.
 Copyright (c) 2014, National Instruments Corp. All rights reserved.
 Copyright (c) 2014, Lorenzo Bianconi <lorenzo.bianconi83@gmail.com>
 Copyright (c) 2014, Linaro Limited Author: Linus Walleij <linus.walleij@linaro.org>
 Copyright (c) 2014, Intel Corporation. Qiaowei Ren <qiaowei.ren@intel.com> Dave Hansen
 <dave.hansen@intel.com>
 Copyright (c) 2014, Insignal Co., Ltd.
 Copyright (c) 2014, I2SE GmbH
 Copyright (c) 2014, Fuzhou Rockchip Electronics Co., Ltd Author: Tony Xie <tony.xie@rock-
 chips.com>
 Copyright (c) 2014, Fuzhou Rockchip Electronics Co., Ltd Author: Addy Ke <addy.ke@rock-
 chips.com>
 Copyright (c) 2014, Fuzhou Rockchip Electronics Co., Ltd
 Copyright (c) 2013-2014 , Cisco Systems, Inc. All rights reserved.
 Copyright (c) 2014, Chen-Yu Tsai <wens@csie.org>
 Copyright (c) 2014, Applied Micro Circuits Corporation Authors: Iyappan Subramanian
 <isubramanian@apm.com> Ravi Patel <rapatel@apm.com> Keyur Chudgar
 <kchudgar@apm.com>
 Copyright (c) 2014, Applied Micro Circuits Corporation Authors: Iyappan Subramanian
 <isubramanian@apm.com> Keyur Chudgar <kchudgar@apm.com>
 Copyright (c) 2014, Applied Micro Circuits Corporation Authors: Iyappan Subramanian
 <isubramanian@apm.com>
 Copyright (c) 2014, Applied Micro Circuits Corporation Author: Tin Huynh
 <tnhuynh@apm.com>. Y Vo <yvo@apm.com>.
 Copyright (c) 2014, Applied Micro Circuits Corporation Author: Tanmay Inamdar
 <tinamdar@apm.com> Duc Dang <dhdang@apm.com>

Copyright (c) 2014, Applied Micro Circuits Corporation Author: Rameshwar Prasad Sahu <rsahu@apm.com> Shamal Winchurkar <swinchurkar@apm.com> Feng Kan <fkan@apm.com>
 Copyright (c) 2014, Applied Micro Circuits Corporation Author: Rameshwar Prasad Sahu <rsahu@apm.com> Loc Ho <lho@apm.com>
 Copyright (c) 2014, Applied Micro Circuits Corporation Author: Loc Ho <lho@apm.com> Tuan Phan <tphan@apm.com> Suman Tripathi <stripathi@apm.com>
 Copyright (c) 2014, Applied Micro Circuits Corporation Author: Feng Kan <fkan@apm.com> Author: Hieu Le <hnle@apm.com>
 Copyright (c) 2014, Applied Micro Circuits Corporation
 Copyright (c) 2014, Adam Baker <linux@baker-net.org.uk>
 Copyright (c) 2014-2015 FUKAUMI Naoki <naobsd@gmail.com>
 Copyright (c) 2014, 2015 Andy Yan <andy.yan@rock-chips.com>
 Copyright (c) 2014 sigma star gmbh Author: Richard Weinberger <richard@nod.at>
 Copyright (c) 2014 eGauge Systems LLC Contributed by David Mosberger-Tang <davidm@egauge.net>
 Copyright (c) 2014 by Florian 'floe' Echtler <floe@butterbrot.org>
 Copyright (c) 2014 by Chris J Arges <chris.j.arges at canonical.com>
 Copyright (c) 2011-2014 Zhang, Keguang <keguang.zhang@gmail.com>
 Copyright (c) 2014 Toradex AG.
 Copyright (c) 2013-2014 Tomasz Figa <tomasz.figa@gmail.com>
 Copyright (c) 2014 Tomasz Figa <t.figa@samsung.com>
 Copyright (c) 2014 Tim Chen <tim.c.chen@linux.intel.com>
 Copyright (c) 2014 The Chromium OS Authors
 Copyright (c) 1999-2014 Takashi Iwai <tiwai@suse.de>
 Copyright (c) 2013-2014 Steffen Trumtrar <s.trumtrar@pengutronix.de>
 Copyright (c) 2014 Shuah Khan <shuahkh@osg.samsung.com>
 Copyright (c) 2014 Sebastian Reichel <sre@kernel.org>
 Copyright (c) 2013-2014 Scott Feldman <sfeldma@cumulusnetworks.com>
 Copyright (c) 2014 Scott Alfter <scott@alfter.us>
 Copyright (c) 2014 Samsung Electronics Co., Ltd. Author: Tomasz Figa <t.figa@samsung.com>
 Copyright (c) 2013-2014 Samsung Electronics Co., Ltd. Author: Thomas Abraham <thomas.ab@samsung.com>
 Copyright (c) 2014 Samsung Electronics Co., Ltd. Author: Rahul Sharma <rahul.sharma@samsung.com>
 Copyright (c) 2014 Samsung Electronics Co., Ltd. Author: Naveen Krishna Ch <naveenkrishna.ch@gmail.com>
 Copyright (c) 2014 Samsung Electronics Co., Ltd. Author: Jaewon Kim <jaewon02.kim@samsung.com> Author: Hyunhee Kim <hyunhee.kim@samsung.com>
 Copyright (c) 2014 Samsung Electronics Co., Ltd. Author: Chanwoo Choi <cw00.choi@samsung.com>
 Copyright (c) 2014 Samsung Electronics Co., Ltd. Author: Andrey Ryabinin <a.ryabinin@samsung.com>
 Copyright (c) 2014 Samsung Electronics Co., Ltd. Author: Ajay Kumar <ajaykumar.rs@samsung.com>
 Copyright (c) 2009-2015 Samsung Electronics Co., Ltd.
 Copyright (c) 2014 Samsung Electronics Co., Ltd Derived from drivers/video/backlight/ld9040.c
 Copyright (c) 2014 SUSE LINUX Products GmbH
 Copyright (c) 2014 STMicroelectronics Ltd. Author: Stuart Menefy <stuart.menefy@st.com>
 Copyright (c) 2014 Rockchip Electronics Co. Ltd. Author: Jianqun xu <jay.xu@rock-chips.com>
 Copyright (c) 2014 Rockchip Electronics Co. Ltd. Author: Jianqun <jay.xu@rock-chips.com>
 Copyright (c) 2014 Redpine Signals Inc.
 Copyright (c) 2014 Red Hat, Inc., Mark Salter <msalter@redhat.com>
 Copyright (c) 2010-2014 Red Hat, Inc. All Rights Reserved.
 Copyright (c) 2014 Philipp Zabel <p.zabel@pengutronix.de>, Pengutronix

Copyright (c) 2014 Petr Olivka
 Copyright (c) 2013-2014 Peter Meerwald <pmeerw@pmeerw.net>
 Copyright (c) 2014 Patrik Jakobsson All Rights Reserved.
 Copyright (c) 2014 Pali Rohár <pali.rohar@gmail.com>
 Copyright (c) 2014 Oracle Co., Daniel Kiper
 Copyright (c) 2005-2014 Open Grid Computing, Inc. All rights reserved.
 Copyright (c) 2014 Oleksij Rempel <linux@rempel-privat.de>.
 Copyright (c) 2014 Nokia Solutions and Networks.
 Copyright (c) 2014 MundoReader S.L. Matthias Brugger <matthias.bgg@gmail.com>
 Copyright (c) 2014 MundoReader S.L. Author: Matthias Brugger <matthias.bgg@gmail.com>
 Copyright (c) 2013-2014 MundoReader S.L. Author: Heiko Stuebner <heiko@sntech.de>
 Copyright (c) 2014 Motorola Mobility
 Copyright (c) 2014 Mediatek Inc. Author: Shunli Wang <shunli.wang@mediatek.com> Yingjoe Chen <yingjoe.chen@mediatek.com>
 Copyright (c) 2014 MediaTek Inc. Author: Xudong Chen <xudong.chen@mediatek.com>
 Copyright (c) 2014 MediaTek Inc. Author: Joe.C <yingjoe.chen@mediatek.com>
 Copyright (c) 2014 MediaTek Inc. Author: Howard Chen <ibanezchen@gmail.com>
 Copyright (c) 2014 MediaTek Inc. Author: Flora Fu, MediaTek
 Copyright (c) 2014 MediaTek Inc. Author: Flora Fu <flora.fu@mediatek.com>
 Copyright (c) 2014 MediaTek Inc. Author: Eddie Huang <eddie.huang@mediatek.com>
 Copyright (c) 2014 MediaTek Inc.
 Copyright (c) 2014 Mathias Gottschlag <mgottschlag@gmail.com>
 Copyright (c) 2014 Marvell Technology Group Ltd.
 Copyright (c) 2014 Marek Szyprowski <m.szyprowski@samsung.com>
 Copyright (c) 2014 Mahesh Bandewar <maheshb@google.com>
 Copyright (c) 2001-2014 Maciej W. Rozycki
 Copyright (c) 2014 Lukasz Majewski <l.majewski@samsung.com>
 Copyright (c) 2014 Lucas Stach <l.stach@pengutronix.de>, Pengutronix
 Copyright (c) 2014 Jeff Layton <jlayton@primarydata.com>
 Copyright (c) 2014 Janne Kanninen <janne.kanninen@gmail.com>
 Copyright (c) 2014 Jamie Lentin <jm@lentin.co.uk>
 Copyright (c) 2014 JD Cole <jd.cole@plantronics.com>
 Copyright (c) 2014 Intel Corp. Author: Denis Turischev <denis@compulab.co.il>
 Copyright (c) 2014 Imagination Technologies Ltd. Author: Markos Chandras <markos.chandras@imgtec.com>
 Copyright (c) 2014 Imagination Technologies Ltd. Author: Leonid Yegoshin <Leonid.Yegoshin@imgtec.com> Author: Markos Chandras <markos.chandras@imgtec.com>
 Copyright (c) 2014 Imagination Technologies Authors: Will Thomas, James Hartley
 Copyright (c) 2014 Huang Bo <huangbobupt@163.com>
 Copyright (c) 2014 Huacai Chen <chenhc@lemote.com>
 Copyright (c) 2014 Hannes Reinecke, SUSE Linux GmbH
 Copyright (c) 2014 Hannes Reinecke <hare@suse.de> All Rights Reserved.
 Copyright (c) 2004-2014 Google, Inc.
 Copyright (c) 2014 Gabriele Mazzotta <gabriele.mzt@gmail.com>
 Copyright (c) 2014 Frank Praznik <frank.praznik@gmail.com>
 Copyright (c) 2014 Finn Thain
 Copyright (c) 2014 Ezequiel Garcia
 Copyright (c) 2014 Echo360, Scott Kanowitz <skanowitz@echo360.com> <scott.kanowitz@gmail.com>
 Copyright (c) 2014 EMAC Inc.
 Copyright (c) 2008-2014 Dmitry Eremin-Solenikov
 Copyright (c) 2014 Collabora Ltd.
 Copyright (c) 2014 Claudio Leite <leitec@staticky.com>
 Copyright (c) 2011-2014 Christoph Hellwig. All Rights Reserved.
 Copyright (c) 2014 Christoph Hellwig.

Copyright (c) 2014 Christian Gmeiner.
 Copyright (c) 2003-2014 Chelsio, Inc. All rights reserved.
 Copyright (c) 2014 Benjamin Tissoires <benjamin.tissoires@redhat.com>
 Copyright (c) 2014 Arturo Borrero Gonzalez <arturo.borrero.glez@gmail.com>
 Copyright (c) 2014 Applied Micro Circuits Corporation.
 Copyright (c) 2014 Anna Schumaker <Anna.Schumaker@Netapp.com>
 Copyright (c) 2014 Andy Lutomirski and others
 Copyright (c) 2014 Andreas Noever <andreas.noever@gmail.com>
 Copyright (c) 2005-2014 Analog Devices Inc.
 Copyright (c) 2014 Advanced Micro Devices, Inc. All rights reserved.
 Copyright (c) 2014 ATRON electronic GmbH Author: Jan Safrata <jan.nikitenko@gmail.com>
 Copyright (c) 2014 - 2015 Jes Sorensen <Jes.Sorensen@redhat.com>
 Copyright (c) 2013-2015 Intel Mobile Communications GmbH All rights reserved.
 Copyright (c) 2013-2015 , Mellanox Technologies. All rights reserved.
 Copyright (c) 2013-2015, Linux Foundation. All rights reserved.
 Copyright (c) 2013-2015 SUSE Authors: Jiri Kosina Vojtech Pavlik Jiri Slaby
 Copyright (c) 2013-2015 Imagination Technologies Author: Paul Burton
 <paul.burton@imgtec.com>
 Copyright (c) 2013-2014 Samsung Electronics, Co. Ltd.
 Copyright (c) 2013-2014 Samsung Electronics Co., Ltd. Mateusz Krawczuk
 <m.krawczuk@partner.samsung.com> Tomasz Figa <t.figa@samsung.com>
 Copyright (c) 2005-2015 Mellanox Technologies. All rights reserved.
 Copyright (c) 2013-2014 Intel Corporation Author: Matthew Wilcox
 <matthew.r.wilcox@intel.com> Author: Ross Zwisler <ross.zwisler@linux.intel.com>
 Copyright (c) 2013-2014 Avago Technologies
 Copyright (c) 2013,2014 Uplogix, Inc. David Barksdale <dbarksdale@uplogix.com>
 Copyright (c) 2013,2014 Samsung Electronics Co., Ltd. Author: Marek Szyprowski
 <m.szyprowski@samsung.com> Author: Josh Cartwright <joshc@codeaurora.org>
 Copyright (c) 2013, Wind River Systems. All rights reserved.
 Copyright (c) 2013, The Linux Foundation. All rights reserved. Author: Bjorn Andersson
 <bjorn.andersson@sonymobile.com>
 Copyright (c) 2013, Stephen Warren
 Copyright (c) 2009-2013 , NVIDIA Corporation. All rights reserved.
 Copyright (c) 2008-2013 , NVIDIA Corporation.
 Copyright (c) 2009-2013 , Microsoft Corporation.
 Copyright (c) 2013, Kenneth MacKay All rights reserved.
 Copyright (c) 2010-2013 , Intel Corporation. Len Brown <len.brown@intel.com>
 Copyright (c) 2013, Intel Corporation Authors: Huajun Li <huajun.li@intel.com> Haicheng Li
 <haicheng.li@intel.com>
 Copyright (c) 2013, Imagination Technologies Ltd.
 Copyright (c) 2013, Carlo Caione <carlo.caione@gmail.com>
 Copyright (c) 2013, Applied Micro Circuits Corporation Author: Loc Ho <lho@apm.com>
 Copyright (c) 2013, Applied Micro Circuits Corporation Author: Feng Kan <fkan@apm.com>
 Author: Loc Ho <lho@apm.com>
 Copyright (c) 2013, Applied Micro Circuits Corporation Author: Feng Kan <fkan@apm.com>
 Copyright (c) 2013, Alexander Graf <agraf@suse.de>
 Copyright (c) 2013, 2015 The Linux Foundation. All Rights Reserved.
 Copyright (c) 2013, 2014, 2015 Guenter Roeck
 Copyright (c) 2010-2014 Phillip Lougher <phillip@squashfs.org.uk>
 Copyright (c) 2013 by Tobias Hoffmann
 Copyright (c) 2013 by Robin Gareus <robin at gareus.org>
 Copyright (c) 2013 by Jan Klötzke <jan@kloetzke.net>
 Copyright (c) 2013 by Jakob Haufe <sur5r@sur5r.net>
 Copyright (c) 2013 by Evgeny Plehov <Evgeny.Plehov@ukr.net>
 Copyright (c) 2013 Vista Silicon S.L. Author: Javier Martin <javier.martin@vista-silicon.com>

Copyright (c) 2013 U-MoBo Srl Pierluigi Passaro <p.passaro@u-mobo.com>
 Copyright (c) 2006-2013 Trond Myklebust <Trond.Myklebust@netapp.com>
 Copyright (c) 2011-2013 Tony Prisk <linux@prisktech.co.nz>
 Copyright (c) 2013 Tomasz Figa <tomasz.figa at gmail.com>
 Copyright (c) 2013 The Linux Foundation
 Copyright (c) 2013 Texas Instruments Incorporated Author: Joel Fernandes <joelf@ti.com>
 Copyright (c) 2013 Texas Instruments Inc. David Griego, <dagriego@biglakesoftware.com>
 Dale Farnsworth, <dale@farnsworth.org> Archit Taneja, <archit@ti.com>
 Copyright (c) 2013 Synaptics Incorporated
 Copyright (c) 2010-2013 Stefan Achatz <erazor_de@users.sourceforge.net>
 Copyright (c) 2013 Simon Wood
 Copyright (c) 2013 Samsung Electronics Co., Ltd. Authors: Thomas Abraham
 <thomas.ab@samsung.com> Chander Kashyap <k.chander@samsung.com>
 Copyright (c) 2013 Samsung Electronics Co., Ltd. Author: Tarek Dakhraan
 <t.dakhraan@samsung.com>
 Copyright (c) 2013 Samsung Electronics Co., Ltd. Author: Padmavathi Venna
 <padma.v@samsung.com>
 Copyright (c) 2013 Samsung Electronics Co., Ltd. Author: Mateusz Krawczuk
 <m.krawczuk@partner.samsung.com>
 Copyright (c) 2013 Samsung Electronics Co., Ltd. Author: Andrzej Pietrasiewicz
 <andrzej.p@samsung.com>
 Copyright (c) 2013 Samsung Electronics Co., Ltd. Author: Andrzej Hajda
 <a.hajda@samsung.com>
 Copyright (c) 2013 Red Hat, Inc. and Parallels Inc. All rights reserved. Authors: David Chinner
 and Glauber Costa
 Copyright (c) 2011-2013 Ondrej Zary
 Copyright (c) 2013 Oliver Schinagl <oliver@schinagl.nl>
 Copyright (c) 2013 Noralf Tronnes
 Copyright (c) 2013 Nikolay Aleksandrov <nikolay@redhat.com>
 Copyright (c) 2013 Minchan Kim <minchan@kernel.org>
 Copyright (c) 2013 Martin Rusko
 Copyright (c) 2013 Mariusz Bialonczyk <manio@skyboo.net>
 Copyright (c) 2013-2013 Lubomir Rintel All rights reserved.
 Copyright (c) 2013 Linaro Ltd. Author: Thomas Abraham <thomas.ab@samsung.com>
 Copyright (c) 2013 Johannes Berg <johannes@sipsolutions.net>
 Copyright (c) 2008-2013 Jiri Slaby
 Copyright (c) 2013 Jie Liu. All Rights Reserved.
 Copyright (c) 2013 Jeffrey Layton <jlayton@redhat.com>
 Copyright (c) 2013 Hongbing Hu <huhb@lemote.com>
 Copyright (c) 2013 Hauke Mehrtens <hauke@hauke-m.de>
 Copyright (c) 2013 Greg Kroah-Hartman
 Copyright (c) 2013 Federico Simoncelli All rights reserved.
 Copyright (c) 2013 Eugene Krasnikov <k.eugene.e@gmail.com>
 Copyright (c) 2013 Eric Leblond <eric@regit.org>
 Copyright (c) 2013 ELAN Microelectronics Corp.
 Copyright (c) 2013 Dmitry Kasatkin <d.kasatkin@samsung.com>
 Copyright (c) 2013 Daniel Mack <zonque@gmail.com>
 Copyright (c) 2012-2013 Coraid, Inc.
 Copyright (c) 2013 Colin Leitner <colin.leitner@gmail.com>
 Copyright (c) 2005-2013 Cisco Systems. All rights reserved.
 Copyright (c) 2004-2013 Cisco Systems, Inc.
 Copyright (c) 2013 Christian Ohm
 Copyright (c) 2013 Chanhon Min <chanho.min@lge.com>
 Copyright (c) 2013 Carlo Caione 2012 Henrik Nordstrom
 Copyright (c) 2013 Andrew Lunn <andrew@lunn.ch>

Copyright (c) 2013 Andrew Duggan <aduggan@synaptics.com>
Copyright (c) 2013 Alexander Aring <alex.aring@gmail.com>
Copyright (c) 2013 Alex Ling <kasimling@gmail.com>
Copyright (c) 2013 ARM/Linaro
Copyright (c) 1999-2015 Intel Corporation.
Copyright (c) 2013 - 2014 Intel Mobile Communications GmbH
Copyright (c) 2012-2014 Samsung Electronics Co.
Copyright (c) 2004-2015 Patrick McHardy <kaber@trash.net>
Copyright (c) 2012-2014 NVIDIA CORPORATION. All rights reserved.
Copyright (c) 2012-2014 Andy Lutomirski <luto@amacapital.net>
Copyright (c) 2005-2013 , Wind River Systems All rights reserved.
Copyright (c) 2012-2013 Xilinx
Copyright (c) 2012-2013 Vyatta Inc.
Copyright (c) 2002-2013 Red Hat, Inc. All rights reserved.
Copyright (c) 2012-2013 Red Hat, Inc
Copyright (c) 2012-2013 Google.
Copyright (c) 2009-2013 Gabor Juhos <juhosg@openwrt.org>
Copyright (c) 2012-2013 Dongjin Kim (tobetter@gmail.com)
Copyright (c) 2011-2014 David Herrmann <dh.herrmann@gmail.com>
Copyright (c) 2012, Whamcloud, Inc.
Copyright (c) 2011-2012 , TAOS Corporation.
Copyright (c) 2012, NVIDIA CORPORATION. All rights reserved. Author: Venu Byravarasu <vbyravarasu@nvidia.com>
Copyright (c) 2012, Metasoft s.c. Rafal Prylowski <prylowski@metasoft.pl>
Copyright (c) 2012, Jeff Layton <jlayton@redhat.com>
Copyright (c) 2012, Intel Corporation. Author: Liu, Jinsong <jinsong.liu@intel.com>
Copyright (c) 2008-2012 , Code Aurora Forum. All rights reserved.
Copyright (c) 2012, Analog Devices, Inc. All rights reserved.
Copyright (c) 2012, Alexander Holler.
Copyright (c) 2007-2012 Wind River Systems, Inc.
Copyright (c) 2011-2012 Vista Silicon S.L. Javier Martin <javier.martin@vista-silicon.com>
Copyright (c) 2012 Viresh Kumar <viresh.kumar@linaro.org>
Copyright (c) 2012 Unixphere AB
Copyright (c) 2012 Tom Harwood
Copyright (c) 2012 Thorsten Nowak <thorsten.nowak@iis.fraunhofer.de>
Copyright (c) 2011-2012 The Chromium OS Authors. All rights reserved.
Copyright (c) 2012 The Chromium OS Authors <chromium-os-dev@chromium.org> Author: Will Drewry <wad@chromium.org>
Copyright (c) 2012 Texas Instruments, Inc
Copyright (c) 2012 Taobao. Written by Tao Ma <boyu.mt@taobao.com>
Copyright (c) 2012 Steffen Trumtrar <s.trumtrar@pengutronix.de>, Pengutronix
Copyright (c) 2012 Sony Mobile Communications AB
Copyright (c) 2012 Smith Micro Software, Inc.
Copyright (c) 2012 Savoir-faire Linux Inc. Vivien Didelot <vivien.didelot@savoirfairelinux.com>
Copyright (c) 2012 Samsung Electronics Co., Ltd. Author: Jingoo Han <jg1.han@samsung.com>
Copyright (c) 2011-2012 Samsung Electronics Co., Ltd. Author: Inki Dae <inki.dae@samsung.com>
Copyright (c) 2012 ST Microelectronics Limited Shiraz Hashim <shiraz.linux.kernel@gmail.com>
Copyright (c) 2012 Red Hat, Inc. Author(s): Jeff Layton <jlayton@redhat.com>
Copyright (c) 2011-2012 Qualcomm Atheros
Copyright (c) 2012 Pontus Fuchs <pontus.fuchs@gmail.com>
Copyright (c) 2012 Pavel Machek <pavel@denx.de>
Copyright (c) 2012 Paolo Valente.

Copyright (c) 2012 Ondrej Zary <linux@rainbow-software.org>
Copyright (c) 2012 NewportMedia Inc. Author: SSW <sswd@wilcsemic.com>
Copyright (c) 2012 Netapp, Inc. All rights reserved.
Copyright (c) 2011-2012 Neratec Solutions AG
Copyright (c) 2012 Mellanox Technologies. - All rights reserved.
Copyright (c) 2012 Massachusetts Institute of Technology
Copyright (c) 2012 Marvell International Ltd. Wenzeng Chen<wzch@marvell.com> Qiao Zhou <zhouqiao@marvell.com>
Copyright (c) 2012 Marvell International Ltd. Author: Jett Zhou <jtzhou@marvell.com> Haojian Zhuang <haojian.zhuang@marvell.com>
Copyright (c) 2012 Markus Franke <franke.m@sebakmt.com>
Copyright (c) 2012 Lucas Stach <dev@lynxeye.de>
Copyright (c) 2012 Linutronix GmbH
Copyright (c) 2012 Linaro : Daniel Lezcano <daniel.lezcano@linaro.org> (IBM)
Copyright (c) 2009-2012 Jussi Kivilinna <jussi.kivilinna@mbnet.fi>
Copyright (c) 2010-2012 Jiri Pirko <jpirko@redhat.com>
Copyright (c) 2012 Jeff Layton <jlayton@redhat.com> All rights reserved.
Copyright (c) 2012 Intel Corporation Author: Liu, Jinsong <jinsong.liu@intel.com> Author: Jiang, Yunhong <yunhong.jiang@intel.com> Author: Ke, Liping <liping.ke@intel.com>
Copyright (c) 2012 Intel Corporation Author: Liu, Jinsong <jinsong.liu@intel.com> Author: Jiang, Yunhong <yunhong.jiang@intel.com>
Copyright (c) 2005-2012 Hans de Goede <hdegoede@redhat.com>
Copyright (c) 2012 Hans Verkuil <hverkuil@xs4all.nl>
Copyright (c) 2012 Guenter Roeck <linux@roeck-us.net>
Copyright (c) 2012 Greg Kroah-Hartman <gregkh@linuxfoundation.org>
Copyright (c) 2012 Gilles Dartiguelongue, Thomas Richter
Copyright (c) 2012 GCT Semiconductor, Inc. All rights reserved.
Copyright (c) 2011-2012 Florian Westphal <fw@strlen.de>
Copyright (c) 2011-2012 Extreme Engineering Solution, Inc. Author: Aaron Sierra <asierra@xes-inc.com>
Copyright (c) 2012 Eukréa Electromatique - ATMEL Author: Nicolas Royer <nicolas@eukrea.com>
Copyright (c) 2012 Dongjin Kim <tobetter@gmail.com>
Copyright (c) 2012 David Herrmann
Copyright (c) 2012 David Dillow <dave@thedillows.org>
Copyright (c) 2012 David Airlie <airlied@linux.ie>
Copyright (c) 2012 DENX Software Engineering, GmbH. Marek Vasut <marex@denx.de>
Copyright (c) 2012 Cypress Semiconductor Corporation.
Copyright (c) 2012 Cirrus Logic Inc.
Copyright (c) 2011-2012 Bryan Schumaker <bjschuma@netapp.com>
Copyright (c) 2011-2012 Bosch Sensortec GmbH
Copyright (c) 2012 Bjørn Mork <bjorn@mork.no>
Copyright (c) 2012 Bernhard Seibold
Copyright (c) 2012 Bastien Nocera <hadess@hadess.net>
Copyright (c) 2012 BTicino S.p.A.
Copyright (c) 2012 Andreas Hübner
Copyright (c) 2012 Analog Devices, Inc. Author: Lars-Peter Clausen <lars@metafoo.de>
Copyright (c) 2008-2012 Alexey Klimov <klimov.linux@gmail.com>
Copyright (c) 2012 Alexander Potashev, Emcraft Systems.
Copyright (c) 2012 Aeroflex Gaisler AB. Author: Andreas Larsson <andreas@gaisler.com>
Copyright (c) 2012 - 2015 UNISYS CORPORATION All rights reserved.
Copyright (c) 2009-2014 Xilinx, Inc.
Copyright (c) 2002-2015 Xilinx Inc.
Copyright (c) 2011-2014 , Intel Corporation Authors: Fenghua Yu <fenghua.yu@intel.com>, H. Peter Anvin <hpa@linux.intel.com>

Copyright (c) 2011-2014 Integrated Device Technology, Inc. Alexandre Bounine
<alexandre.bounine@idt.com>
Copyright (c) 2011-2015 Andy Lutomirski
Copyright (c) 2011-2013 Datera, Inc. All rights reserved.
Copyright (c) 2011-2013 Datera, Inc.
Copyright (c) 2011-2012 , NVIDIA CORPORATION. All rights reserved. Author: Laxman
dewangan <ldewangan@nvidia.com>
Copyright (c) 2011-2012 Qualcomm Atheros, Inc. All rights reserved.
Copyright (c) 2011-2015 Qualcomm Atheros Inc.
Copyright (c) 2011-2012 Lars-Peter Clausen <lars@metafoo.de>
Copyright (c) 2011-13 Siemens AG
Copyright (c) 2011,2012 Toradex Inc.
Copyright (c) 2001-2012 Intel Corp.
Copyright (c) 2011, Tom Herbert <therbert@google.com>
Copyright (c) 2011, Sagrad Inc. Author: Solomon Peachy <speachy@sagrad.com>
Copyright (c) 2010-2011 , ST-Ericsson Author: Dmitry Tarnyagin
<dmitry.tarnyagin@lockless.no>
Copyright (c) 2011, Novell Inc.
Copyright (c) 2011, NVIDIA Corporation. Author: Jin Park <jinyoungp@nvidia.com>
Copyright (c) 2011, Javier Lopez <jlopex@gmail.com>
Copyright (c) 2011, Google, Inc.
Copyright (c) 2011, Creative Technology Ltd.
Copyright (c) 2011, Code Aurora Forum. All rights reserved. Author: Dima Zavin
<dima@android.com>
Copyright (c) 2011, Code Aurora Forum. All rights reserved. Author: Brian Swetland
<swetland@google.com>
Copyright (c) 2011, 2013 Stefan Kriwanek <dev@stefankriwanek.de>
Copyright (c) 2011, 2012, Qualcomm Atheros Communications Inc.
Copyright (c) 2011, 2012, Atheros Communications Inc.
Copyright (c) 2011-2013 Anssi Hannula <anssi.hannula@iki.fi>
Copyright (c) 2010-2011 by Jarod Wilson <jarod@redhat.com>
Copyright (c) 2011 Zhao Zhang <zhhz1555@gmail.com>
Copyright (c) 2011 Yu Ke <ke.yu@intel.com>
Copyright (c) 2011 Werner Almesberger <werner@almesberger.net>
Copyright (c) 2011 Unixphere
Copyright (c) 2011 Stephen Hemminger <shemminger@vyatta.com>
Copyright (c) 2011 Stefan Schmidt <stefan@datenfreihafen.org>
Copyright (c) 2011 Samsung Electronics, Co. Ltd Contact: Tomasz Stanislawski
<t.stanislawski@samsung.com>
Copyright (c) 2011 Samsung Electronics InKi Dae <inki.dae@samsung.com> Donghwa Lee
<dh09.lee@samsung.com>
Copyright (c) 2011 Samsung Electronics Co., Ltd. MyungJoo Ham
<myungjoo.ham@samsung.com>
Copyright (c) 2011 Samsung Electronics Co., Ltd. Kamil Debski, <k.debski@samsung.com>
Copyright (c) 2011 Samsung Electronics Co., Ltd. Authors: Inki Dae <inki.dae@samsung.com>
Joonyoung Shim <jy0922.shim@samsung.com> Seung-Woo Kim
<sw0312.kim@samsung.com>
Copyright (c) 2011 Samsung Electronics Co., Ltd. Author: Inki Dae <inki.dae@samsung.com>
Joonyoung Shim <jy0922.shim@samsung.com> Seung-Woo Kim
<sw0312.kim@samsung.com>
Copyright (c) 2011 Samsung Electronics Author: Donghwa Lee <dh09.lee@samsung.com>
Copyright (c) 2011 ST Microelectronics (Alessandro Rubini, Davide Ciminaghi)
Copyright (c) 2011 ST Microelectronics (Alessandro Rubini)
Copyright (c) 2011 Richard Sharpe <realrichardsharp@gmail.com>
Copyright (c) 2011 Rafael J. Wysocki <rjw@sisk.pl>, Renesas Electronics Corp.

Copyright (c) 2011 Pierre Tardy <tardyp@gmail.com>
 Copyright (c) 2011 Peter Korsgaard <jacmet@sunsite.dk>
 Copyright (c) 2011 Patrick Mchardy <kaber@trash.net>
 Copyright (c) 2011 Mircea Gherzan <mgherzan@gmail.com>
 Copyright (c) 2011 Marvell Semiconductors Inc. All Rights Reserved
 Copyright (c) 2011 Marvell Semiconductors Inc.
 Copyright (c) 2011 Mark Einon <mark.einon@gmail.com>
 Copyright (c) 2009-2011 Manuel Stahl <manuel.stahl@iis.fraunhofer.de>
 Copyright (c) 2011 Logitech
 Copyright (c) 2011 Konrad Rzeszutek Wilk <konrad.wilk@oracle.com>
 Copyright (c) 2008-2013 Jonathan Cameron
 Copyright (c) 2011 Jon Smirl <jonsmirl@gmail.com>
 Copyright (c) 2011 John Sung <penmount.touch@gmail.com>
 Copyright (c) 2011 John Crispin <blogic@openwrt.org>
 Copyright (c) 2006-2014 Jiri Kosina
 Copyright (c) 2011 Jarod Wilson <jarod@redhat.com>
 Copyright (c) 2011 Jan Andersson <jan@gaisler.com>
 Copyright (c) 2011 Jamie Iles
 Copyright (c) 2011 Frederick van der Wyck <fvanderwyck@gmail.com>
 Copyright (c) 2011 Eric Dumazet <eric.dumazet@gmail.com>
 Copyright (c) 2011 David George <david.george@ska.ac.za>
 Copyright (c) 2011 DENX Software Engineering GmbH
 Copyright (c) 2011 Czech Technical University in Prague
 Copyright (c) 2011 Christian Strobel <christian.strobel@iis.fraunhofer.de>
 Copyright (c) 2011 Chris Schlund based on hid-topseed module
 Copyright (c) 2011 Bastian Blank <waldi@debian.org>
 Copyright (c) 2004-2011 Atheros Communications Inc.
 Copyright (c) 2011 Andrei Warkentin <andriw@motorola.com>
 Copyright (c) 2011 Advanced Micro Devices, Inc. Author: Andreas Herrmann
 <herrmann.der.user@googlemail.com>
 Copyright (c) 2011 - 2013 Tatsunosuke Tobita, Wacom. tobita.tatsunosuke@wacom.co.jp>
 Copyright (c) 2011 Damian Hobson-Garcia <dhobsong@igel.co.jp> Takanari Hayama
 <taki@igel.co.jp>
 Copyright (c) 2010-2015 Steven Toth <stoth@kernellabs.com>
 Copyright (c) 2008-2015 Chelsio Communications, Inc.
 Copyright (c) 2010-2014 Nikolai Kondrashov
 Copyright (c) 2004-2014 Freescale Semiconductor, Inc.
 Copyright (c) 2010-2013 NVIDIA Corporation.
 Copyright (c) 2010-2013 Micrel, Inc.
 Copyright (c) 2010-2013 Kontron Europe GmbH Author: Michael Brunner
 <michael.brunner@kontron.com>
 Copyright (c) 2010-2013 Benjamin Tissoires <benjamin.tissoires@gmail.com>
 Copyright (c) 2010-2012,2013, The Linux Foundation. All rights reserved.
 Copyright (c) 2010-2012 by Nibble Max <nibble.max@gmail.com>
 Copyright (c) 2009-2012 Stephane Chatty <chatty@enac.fr>
 Copyright (c) 2010-2012 Savoir-faire Linux Inc. Jerome Oufella
 <jerome.oufella@savoirfairelinux.com> Vivien Didelot <vivien.didelot@savoirfairelinux.com>
 Copyright (c) 2010-2012 Mauro Carvalho Chehab.
 Copyright (c) 2010-2012 Ecole Nationale de l'Aviation Civile, France
 Copyright (c) 2010-2012 Broadcom. All rights reserved.
 Copyright (c) 2010- 2011-2014 The Linux Foundation. All rights reserved.
 Copyright (c) 2010-2011,2013-2015 The Linux Foundation. All rights reserved.
 Copyright (c) 2010-2011, Jarod Wilson <jarod@redhat.com>
 Copyright (c) 2010-2011 by Samsung Electronics. Written by: Marek Szymkowski
 <m.szymkowski@samsung.com> Michal Nazarewicz <mina86@mina86.com>

Copyright (c) 2010-2011 by Samsung Electronics.
Copyright (c) 2010-2013 by Mauro Carvalho Chehab
Copyright (c) 2010-2011 Samsung Electronics Co.Ltd.
Copyright (c) 2010-2011 Samsung Electronics Co., Ltd. Tomasz Stanislawski
<t.stanislaws@samsung.com>
Copyright (c) 2010-2015 Rafal Milecki <zajec5@gmail.com>
Copyright (c) 2009-2011 Rafael J. Wysocki <rjw@sisk.pl>, Novell Inc.
Copyright (c) 2010-2011 Picochip Ltd., Jamie Iles
Copyright (c) 2010-2011 Jeremy Kerr <jeremy.kerr@canonical.com>
Copyright (c) 2010-2011 Ericsson AB
Copyright (c) 2010-2011 Andres Salomon <dilinger@queued.net>
Copyright (c) 2010-15: Borislav Petkov <bp@alien8.de>.
Copyright (c) 2010-2012 Code Aurora Forum. All rights reserved.
Copyright (c) 2010, by Texas Instruments
Copyright (c) 2010, Vladimir Fonov
Copyright (c) 2010, ST-Ericsson Author: Ajitpal Singh <ajitpal.singh@stericsson.com>
Copyright (c) 2010, ST-Ericsson Author: Ajitpal Singh <ajitpal.singh@lockless.no>
Copyright (c) 1999-2010 , Oracle and/or its affiliates. All rights reserved.
Copyright (c) 2010, Octasic semiconductor.
Copyright (c) 2010, Google Inc.
Copyright (c) 2010, CompuLab, Ltd. Author: Mike Rapoport <mike@compulab.co.il>
Copyright (c) 2010, Citrix
Copyright (c) 2010, Applied Micro Circuits Corporation Authors: Tirumala R Marri
<tmarri@apm.com> Feng Kan <fkan@apm.com>
Copyright (c) 2010, Applied Micro Circuits Corporation Author: Tanmay Inamdar
<tinamdar@apm.com>
Copyright (c) 2010, Applied Micro Circuits Corporation Author: Rupjyoti Sarmah
<rsarmah@apm.com>
Copyright (c) 2010, 2015 Mathieu Desnoyers <mathieu.desnoyers@efficios.com>
Copyright (c) 2010, 2012-2013, NVIDIA Corporation. All rights reserved.
Copyright (c) 2010, 2011 Fabien Marteau <fabien.marteau@armadeus.com>
Copyright (c) 2010, 2011 Ericsson AB.
Copyright (c) 2010 by Samsung Electronics Author: Michal Nazarewicz <mina86@mina86.com>
Copyright (c) 2010 by Pavel Osnova <pvosnova@gmail.com>
Copyright (c) 2010 by Kyle Strickland.
Copyright (c) 2010 by Igor M. Liplianin <liplianin@me.by>
Copyright (c) 2010 by Herton Ronaldo Krzesinski <herton@mandriva.com.br>
Copyright (c) 2010 Xing Wei <weixing@hanwang.com.cn>
Copyright (c) 2010 Wolfson Microelectronics plc Author: Mark Brown
<broonie@opensource.wolfsonmicro.com>
Copyright (c) 2009-2010 Wind River Systems, Inc. All Rights Reserved.
Copyright (c) 2010 Werner Fink, Jiri Slaby
Copyright (c) 2010 Werner Dittmann
Copyright (c) 2010 Wang Lei Author(s): Wang Lei (wang840925@gmail.com). All Rights Reserved.
Copyright (c) 2005-2010 Voltaire Inc. All rights reserved.
Copyright (c) 2010 Vasily Khoruzhick <anarsoul@gmail.com>
Copyright (c) 2003-2010 Simtec Electronics Ben Dooks <ben@simtec.co.uk>
Copyright (c) 2010 Simon Wood <simon@mungewell.org>
Copyright (c) 2010 Signal 11 Software
Copyright (c) 2010 Sergei Kolzun <x0r@dv-life.ru>
Copyright (c) 2010 Sebastian Smolorz <sesmo@gmx.net>
Copyright (c) 2010 Sascha Hauer <s.hauer@pengutronix.de>
Copyright (c) 2010 Samsung Electronics, Co. Ltd Contact: Sylwester Nawrocki
<s.nawrocki@samsung.com>

Copyright (c) 2010 Samsung Electronics Kyungmin Park <kyungmin.park@samsung.com>
Marek Szyprowski <m.szyprowski@samsung.com>
Copyright (c) 2010 Samsung Electronics Co. Ltd. Jaswinder Singh <jassisinghbrar@gmail.com>
Copyright (c) 2010 Samsung Electronics Co. Ltd Author: Jaswinder Singh
<jassisinghbrar@gmail.com> Credits: Graeme Gregory, Sean Choi
Copyright (c) 2010 ST-Ericsson SA
Copyright (c) 2010 SMSC
Copyright (c) 2010 Rising Tide Systems
Copyright (c) 2009-2010 RidgeRun (todd.fischer@ridgerun.com)
Copyright (c) 2010 Richard Nauber <Richard.Nauber@gmail.com>
Copyright (c) 2010 Red Hat Inc. Author : Dave Airlie <airlied@redhat.com>
Copyright (c) 2010 Pengutronix e.K. Author: Wolfram Sang <w.sang@pengutronix.de>
Copyright (c) 2010 Paul Thomas <pthomas8589@gmail.com>
Copyright (c) 2008-2010 Nuvoton technology corporation.
Copyright (c) 2009-2010 Nuvoton technology corporation All rights reserved.
Copyright (c) 2010 Novell, Inc. Authors(s): Suresh Jayaraman (sjayaraman@suse.de)
Copyright (c) 2010 Novell, Inc. Author(s): Suresh Jayaraman <sjayaraman@suse.de>
Copyright (c) 2010 Nokia Corporation Author: Dmitry Kasatkin <dmitry.kasatkin@nokia.com>
Copyright (c) 2010 Mika Westerberg
Copyright (c) 2010 Mika Laitio <lamikr@pilppa.org>
Copyright (c) 2010 Michael Poole <mdpoole@troilus.org>
Copyright (c) 2010 Marvell International Ltd. Author: Haojian Zhuang
<haojian.zhuang@marvell.com>
Copyright (c) 2010 Marc Kleine-Budde, Pengutronix
Copyright (c) 2010 Linaro
Copyright (c) 2010 LG Electronics Chan Jeong <chan.jeong@lge.com>
Copyright (c) 2010 Kees Cook (kees.cook@canonical.com)
Copyright (c) 2010 Johnathon Harris <jmharris@gmail.com>
Copyright (c) 2010 John Fastabend <john.r.fastabend@intel.com>
Copyright (c) 2010 Jean-Francois Dagenais <dagenaisj@sonatest.com>
Copyright (c) 2010 Janusz Krzysztofik
Copyright (c) 2010 Istvan Varga <istvan_v@mailbox.hu>
Copyright (c) 2010 Ira W. Snyder <iws@ovro.caltech.edu>
Copyright (c) 2010 Ignaz Forster <ignaz.forster@gmx.de>
Copyright (c) 2010 Henrik Rydberg <rydberg@euromail.se>
Copyright (c) 2010 Hendrik Iben
Copyright (c) 2010 Gregoire Baron <baronchon@n7mm.org>
Copyright (c) 2010 Franco Catrin <fcatin@gmail.com>
Copyright (c) 2010 Focal tech Ltd.
Copyright (c) 2009-2010 Don Prince <dhprince.devel@yahoo.co.uk>
Copyright (c) 2010 David Härdeman <david@hardeman.nu>
Copyright (c) 2010 David Chinner.
Copyright (c) 2009-2010 Daniel Mack <daniel@caiaq.de>
Copyright (c) 2010 Daniel Kiper
Copyright (c) 2010 CompuLab Ltd. Mike Rapoport <mike@compulab.co.il>
Copyright (c) 2010 CompuLab Ltd Author: Denis Turischev <denis@compulab.co.il>
Copyright (c) 2010 CompuLab Ltd
Copyright (c) 2010 Christoph Mair <christoph.mair@gmail.com>
Copyright (c) 2010 Chase Douglas <chase.douglas@canonical.com>
Copyright (c) 2010 Cavium Networks, Inc.
Copyright (c) 2010 Canonical, Ltd.
Copyright (c) 2010 Bruno Randolf <br1@einfach.org>
Copyright (c) 2010 Ben Cropley <bcropley@internode.on.net>
Copyright (c) 2010 Arrow Electronics, Inc.
Copyright (c) 2004-2010 Arnaud Patard <arnaud.patard@rtp-net.org>

Copyright (c) 2010 Altera Corporation, San Jose, California, USA.
 Copyright (c) 2010 Alexander Sverdlin <subaparts@yandex.ru>
 Copyright (c) 2010 Alan Ott <alan@signal11.us>
 Copyright (c) 2010 Adam Bennett
 Copyright (c) 2010 - Mauro Carvalho Chehab.
 Copyright (c) 2010 - 2012 Xilinx, Inc. All rights reserved.
 Copyright (c) 2010 - 2011 Ping Cheng, Wacom. <pingc@wacom.com>
 Copyright (c) 2010 - 2011 PetaLogix
 Copyright (c) 2010 - 2011 Michal Simek <monstr@monstr.eu>
 Copyright (c) 2009/10 Intel Corporation
 Copyright (c) 2003-2015 Chelsio Communications, Inc. All rights reserved.
 Copyright (c) 2006-2013 VMware, Inc., Palo Alto, CA., USA All Rights Reserved.
 Copyright (c) 1995-2014 Silicon Graphics, Inc. All Rights Reserved.
 Copyright (c) 2009-2014 Realtek Semiconductor Corp. All rights reserved.
 Copyright (c) 2000-2014 LSI Corporation
 Copyright (c) 2009-2012,2014, The Linux Foundation. All rights reserved.
 Copyright (c) 2009-2012 Realtek Corporation.
 Copyright (c) 2007-2011 , Intel Corporation. All Rights Reserved.
 Copyright (c) 2009-2011, Dan Magenheimer, Oracle Corp.
 Copyright (c) 2009-2011 Manuel Lauss <manuel.lauss@googlemail.com>
 Copyright (c) 2009-2010, NVIDIA Corporation. Scott Peterson <speterson@nvidia.com> Vijay Mali <vmali@nvidia.com>
 Copyright (c) 2009-2010, NVIDIA Corporation. Scott Peterson <speterson@nvidia.com>
 Copyright (c) 2009-2010 by: Mauro Carvalho Chehab
 Copyright (c) 2009-2010 Stephane Chatty
 Copyright (c) 2009-2010 Samsung Electronics Co., Ltd. Pawel Osciak, <pawel@osciak.com>
 Marek Szyprowski, <m.szyprowski@samsung.com>
 Copyright (c) 2009-2010 NSN GmbH & Co KG <michael.lawnick.ext@nsn.com>
 Copyright (c) 2009-2010 MontaVista Software, LLC.
 Copyright (c) 2009-2010 Micron Technology, Inc.
 Copyright (c) 2009-2010 Micrel, Inc. Tristram Ha <Tristram.Ha@micrel.com>
 Copyright (c) 2009-2010 Marvell International Ltd. Haojian Zhuang <haojian.zhuang@marvell.com>
 Copyright (c) 2009-2010 Clemens Ladisch
 Copyright (c) 2009-2010 Analog Devices, Inc. Author: Michael Hennerich <hennerich@blackfin.uclinux.org>
 Copyright (c) 2009-15 Advanced Micro Devices, Inc.
 Copyright (c) 2009-2010 Rising Tide, Inc.
 Copyright (c) 2009,2010 One Laptop per Child
 Copyright (c) 2009-2010 Nicholas A. Bellinger <nab@linux-iscsi.org>
 Copyright (c) 2009-2010 Linux-SCSI.org.
 Copyright (c) 2002-2009 , Jouni Malinen <j@w1.fi>
 Copyright (c) 2009, Joao Ramos <joao.ramos@inov.pt> INESC Inovacao (INOV)
 Copyright (c) 2009, Code Aurora Forum. All Rights Reserved.
 Copyright (c) 2009, Citrix Systems, Inc.
 Copyright (c) 2008-2009 , Christoph Hellwig All Rights Reserved.
 Copyright (c) 2008-2014 H Hartley Sweeten <hsweeten@visionengravers.com>
 Copyright (c) 2009, 2010 the Speakup Team
 Copyright (c) 2009 by Tilman Schmidt <tilman@imap.cc>.
 Copyright (c) 2009 by Rafael Ignacio Zurita <rizurita@yahoo.com>
 Copyright (c) 2009 by Martin Fuzzey
 Copyright (c) 2009 by Krzysztof Helt.
 Copyright (c) 2009 Yauhen Kharuzhy <jekhor@gmail.com>.
 Copyright (c) 2009 Wu Zhangjin <wuzhangjin@gmail.com>
 Copyright (c) 2009 Wolfgang Grandegger <wg@grandegger.com>

Copyright (c) 2009 Wayne Roberts
Copyright (c) 2009 VMware, Inc., Palo Alto, CA., USA, All Rights Reserved.
Copyright (c) 2009 Tomas Hanak
Copyright (c) 2009 Tobias Lorenz <tobias.lorenz@gmx.net>
Copyright (c) 2009 Tobias Doerffel <tobias.doerffel@gmail.com>
Copyright (c) 2009 Tias Guns
Copyright (c) 2009 SoftwareBitMaker.
Copyright (c) 2009 Secret Lab Technologies, Ltd.
Copyright (c) 2009 Sebastian Kapfer <sebastian_kapfer@gmx.net>
Copyright (c) 2009 Sascha Hauer, Pengutronix
Copyright (c) 2009 Samsung Electronics Co.Ltd Author: Joonyoung Shim
<jy0922.shim@samsung.com>
Copyright (c) 2009 Samsung Electronics Co. Ltd Author: Jaswinder Singh
<jassisinghbrar@gmail.com>
Copyright (c) 2009 Samsung Electronics Co. Ltd Author: Jaswinder Singh
<jassi.brar@samsung.com>
Copyright (c) 2009 STMicroelectronics Limited Author: Stuart Menefy <stuart.menefy:st.com>
Copyright (c) 2009 Richard Walmsley <richwalm@gmail.com>
Copyright (c) 2009 Rafael J. Wysocki, Novell Inc.
Copyright (c) 2009 Qi Hardware inc., Author: Xiangfu Liu <xiangfu@qi-hardware.com>
Copyright (c) 2009 Promwad Innovation Company Yauhen Kharuzhy
<yauhen.kharuzhy@promwad.com>
Copyright (c) 2009 Philippe Vachon <philippe@cowpig.ca>
Copyright (c) 2006-2009 Philipp Zabel
Copyright (c) 2009 Peter Holik
Copyright (c) 2009 Pavel Hofman <pavel.hofman@ivitera.com>
Copyright (c) 2009 Orex Computed Radiography Baruch Siach <baruch@tkos.co.il>
Copyright (c) 2009 Nuvoton technology. Wan ZongShun <mcuos.com@gmail.com>
Copyright (c) 2009 Nuvoton corporation.
Copyright (c) 2006-2009 Novell Inc.
Copyright (c) 2009 Nokia Corporation Roger Quadros <ext-roger.quadros@nokia.com>
Copyright (c) 2009 Nokia Corporation Contact: Eduardo Valentin
<eduardo.valentin@nokia.com>
Copyright (c) 2009 MontaVista Software, Inc. Author: Anton Vorontsov
<avorontsov@ru.mvista.com>
Copyright (c) 2000-2009 MontaVista Software, Inc.
Copyright (c) 2009 Mika Westerberg <mika.westerberg@iki.fi>
Copyright (c) 2009 Micrel Inc.
Copyright (c) 2005-2009 Michael Buesch <m@bues.ch>
Copyright (c) 2009 Matthieu Crapet <mcrapet@gmail.com>
Copyright (c) 2009 Marton Balint <cus@fazekas.hu>
Copyright (c) 2008-2009 Marek Vasut <marek.vasut@gmail.com>
Copyright (c) 2009 Manuel Lauss.
Copyright (c) 2009 Manuel Lauss <manuel.lauss@gmail.com>
Copyright (c) 2008-2009 Magnus Damm
Copyright (c) 2009 LaCie
Copyright (c) 2009 Jochen Friedrich <jochen@scram.de>
Copyright (c) 2009 Janine Kropp.
Copyright (c) 2009 Intel Corp. Author: Huang Ying <ying.huang@intel.com> Vinodh Gopal
Erdinc Ozturk Deniz Karakoyunlu
Copyright (c) 2009 Intel Corp. Author: Huang Ying <ying.huang@intel.com>
Copyright (c) 2009 Imre Kaloz <kaloz@openwrt.org>
Copyright (c) 2009 IBM Corporation Author: Mimi Zohar <zohar@us.ibm.com>.
Copyright (c) 2009 Herton Ronaldo Krzesinski <herton@mandriva.com.br>
Copyright (c) 2009 HNR Consulting. All rights reserved.

Copyright (c) 2009 Gábor Stefanik <netrolller.3d@gmail.com>
 Copyright (c) 2004-2009 Greg Kroah-Hartman <gregkh@suse.de>
 Copyright (c) 2009 Gary Stein <LordCnidarian@gmail.com>
 Copyright (c) 2009 Fabio Checconi, Luigi Rizzo, and Paolo Valente.
 Copyright (c) 2009 Dmitry Artamonow <mad_soft@inbox.ru>
 Copyright (c) 2009 Diego Giagio <diego@giagio.com> All rights reserved.
 Copyright (c) 2009 Dialog Semiconductor Written by David Chen <Dajun.chen@diasemi.com>
 Copyright (c) 2009 Denis Oliver Kropp <dok@directfb.org>
 Copyright (c) 2009 Davide Ferri <d.ferri@zero11.it>
 Copyright (c) 2009 Daniel Ribeiro <drwyrn@gmail.com>
 Copyright (c) 2009 Cyber Switching, Inc. Author: Chris Verges <chrisv@cyberswitching.com>
 Copyright (c) 2009 Clemens Ladisch <clemens@ladisch.de>
 Copyright (c) 2009 Bruno Prémont <bonbons@linux-vserver.org>
 Copyright (c) 2009 Bob Copeland <me@bobcopeland.com>
 Copyright (c) 2009 Andy Walls <awalls@md.metrocast.net>
 Copyright (c) 2009 Alexander Clouter <alex@digriz.org.uk>
 Copyright (c) 2009 Alberto Panizzo <maramaopercheseimorto@gmail.com>
 Copyright (c) 2009 Albert Herranz <albert_herranz@yahoo.es>
 Copyright (c) 2009 Aava Mobile
 Copyright (c) 2009 - 2010, Intel Corporation and its suppliers.
 Copyright (c) 2009 - 2010 Guo-Fu Tseng <cooldavid@cooldavid.org>
 Copyright (c) 2008-2014 , The Linux foundation. All rights reserved.
 Copyright (c) 2008-2014 STMicroelectronics Limited
 Copyright (c) 2008-2011 Juliusz Chroboczek <jch@pps.jussieu.fr>
 Copyright (c) 2008-2010, Dave Chinner All Rights Reserved.
 Copyright (c) 2008-2010, 2013 Dave Chinner All Rights Reserved.
 Copyright (c) 2008-2010 Rafi Rubin <rafi@seas.upenn.edu>
 Copyright (c) 2008-2012 Henrik Rydberg
 Copyright (c) 2008-2010 Arnaud Patard <apatard@mandriva.com>
 Copyright (c) 2008-2009 Weongyo Jeong <weongyo@freebsd.org>
 Copyright (c) 2008-2009 USI Co., Ltd. All rights reserved.
 Copyright (c) 2007-2009 Secret Lab Technologies Ltd.
 Copyright (c) 2007-2009 Rodolfo Giometti <giometti@linux.it>
 Copyright (c) 2008-2009 PMC-Sierra, Inc., All rights reserved.
 Copyright (c) 2008-2009 PIKA Technologies Sean MacLennan <smaclennan@pikatech.com>
 Copyright (c) 2008-2009 MontaVista Software, Inc. <source@mvista.com>
 Copyright (c) 2008-2009 Marvell Semiconductor
 Copyright (c) 2007-2009 Jonathan Cameron <jic23@kernel.org>
 Copyright (c) 2008-2009 Frederic Weisbecker <fweisbec@gmail.com>
 Copyright (c) 2008-2011 Felix Fietkau <nbd@openwrt.org>
 Copyright (c) 2008-2009 Eurotech S.p.A. <info@eurotech.it> Michael Lawnick
 <michael.lawnick.ext@nsn.com>
 Copyright (c) 2007-2009 Eurotech S.p.A. <info@eurotech.it>
 Copyright (c) 2005-2009 Cisco Systems, Inc. All rights reserved.
 Copyright (c) 2004-2009 Atheros Communications, Inc.
 Copyright (c) 2008,2009,2010 Katalix Systems Ltd
 Copyright (c) 2008,2009 NEC Software Tohoku, Ltd. Written by Takashi Sato <t-sato@yk.jp.nec.com> Akira Fujita <a-fujita@rs.jp.nec.com>
 Copyright (c) 2008-2012 Katalix Systems Ltd
 Copyright (c) 2008,2009 Ilya Petrov <ilya.muromec@gmail.com>
 Copyright (c) 2008, VIA Technologies Inc. All Rights Reserved.
 Copyright (c) 2008, Tungsten Graphics Inc. Cedar Park, TX., USA. All Rights Reserved.
 Copyright (c) 2008, Swedish Institute of Computer Science. All rights reserved.
 Copyright (c) 2008, John W. Linville <linville@tuxdriver.com>
 Copyright (c) 2008, FUJITSU Limited

Copyright (c) 2008, 2009, 2010 QLogic Corporation. All rights reserved.
 Copyright (c) 2008, 2009 open80211s Ltd. Authors: Luis Carlos Cobo <luisca@cozybit.com>
 Javier Cardona <javier@cozybit.com>
 Copyright (c) 2008, 2009 open80211s Ltd. Author: Luis Carlos Cobo <luisca@cozybit.com>
 Copyright (c) 2008-2009 Tim Blechmann <tim@klingt.org>
 Copyright (c) 2008, 2007, 2004-2005 Simtec Electronics. Ben Dooks <ben@simtec.co.uk>
 Copyright (c) 2008 guiming zhuo <gmzhuo@gmail.com>
 Copyright (c) 2008 by: Ben Woodard <woodard@redhat.com> Mauro Carvalho Chehab
 Copyright (c) 2000-2008 by David Brownell
 Copyright (c) 2008 Zhang Le <r0bertz@gentoo.org>
 Copyright (c) 2008 Zbynek Michl <Zbynek.Michl@seznam.cz>
 Copyright (c) 2008 Wei Ni <wni@nvidia.com>
 Copyright (c) 2008 Tomasz Grobelny <tomasz@grobelny.oswiecenia.net>
 Copyright (c) 2006-2008 Steven Toth <stoth@linuxtv.org>
 Copyright (c) 2008 Spansion Inc. Frank Edelhaeuser <frank.edelhaeuser@spansion.com>.
 Copyright (c) 2005-2008 Sascha Hauer <s.hauer@pengutronix.de>, Pengutronix
 Copyright (c) 2008 Samuel Thibault
 Copyright (c) 2008 Ryan Mallon
 Copyright (c) 2008 Rod Whitby <rod@whitby.id.au>
 Copyright (c) 2008 Richard Liu, STMicroelectronics <richard.liu@st.com>
 Copyright (c) 2008 Richard Lemon
 Copyright (c) 2008 Ramax Lo <ramaxlo@gmail.com>.
 Copyright (c) 2008 QUALCOMM USA, INC.
 Copyright (c) 2008 QUALCOMM Incorporated.
 Copyright (c) 2008 Peter Popovec
 Copyright (c) 2008 Nuvoton technology corporation. All rights reserved.
 Copyright (c) 2008 Nuovation System Designs, LLC Grant Erickson
 <gerickson@nuovations.com>
 Copyright (c) 2008 Nissin Systems Co., Ltd., Yoshio Kashiwagi
 Copyright (c) 2008 Neil Horman <nhorman@tuxdriver.com>
 Copyright (c) 2008 NVIDIA Corp. All rights reserved.
 Copyright (c) 2008 MtekVision Co., Ltd. Kwangwoo Lee <kwlee@mtekvision.com>
 Copyright (c) 2007-2008 MontaVista Software, Inc. Anton Vorontsov
 <avorontsov@ru.mvista.com>
 Copyright (c) 2008 Michael Krufky <mkrufky@linuxtv.org>
 Copyright (c) 2008 Matthieu Castet <castet.matthieu@free.fr>
 Copyright (c) 2008 Marvell International Ltd. Eric Miao <eric.miao@marvell.com>
 Copyright (c) 2008 Martin Kebert
 Copyright (c) 2008 Marc Pignat <marc.pignat@hevs.ch>
 Copyright (c) 2008 Lukasz Lubojanski <lukasz@lubojanski.info>
 Copyright (c) 2008 Loc Ho <lho@amcc.com>
 Copyright (c) 2008 Lev Babiev.
 Copyright (c) 2008 Kwangwoo Lee.
 Copyright (c) 2008 Jaya Kumar
 Copyright (c) 2008 Jaswinder Singh Rajput
 Copyright (c) 2008 Jaswinder Singh
 Copyright (c) 2008 James Bottomley <James.Bottomley@HansenPartnership.com>
 Copyright (c) 2008-2008 Isaku Yamahata <yamahata@valinux.co.jp>.
 Copyright (c) 2008 Isaku Yamahata <yamahata@valinux.co.jp> VA Linux Systems Japan K.K.
 Copyright (c) 2008 Intel Corporation Author: Matthew Wilcox <willy@linux.intel.com>
 Copyright (c) 2008 Instituto Nokia de Tecnologia - INdT Contact: Eduardo Valentin
 <eduardo.valentin@nokia.com>
 Copyright (c) 2008 Henrik Rydberg <rydberg@euromail.se>
 Copyright (c) 2008 Harris Corporation
 Copyright (c) 2008-2008 Gerrit Renker <gerrit@erg.abdn.ac.uk>

Copyright (c) 2008 Fabio Belavenuto <belavenuto@gmail.com>
 Copyright (c) 2008 Eurotech S.p.A.
 Copyright (c) 2008 Erik Andr n
 Copyright (c) 2008 Emcraft Systems Sergei Poselenov <sposelenov@emcraft.com>
 Copyright (c) 2008 Embedded Alley Solutions Inc
 Copyright (c) 2008 Doug Thompson.
 Copyright (c) 2008 Dave Chinner All Rights Reserved.
 Copyright (c) 2008 Codehermit
 Copyright (c) 2008 Cisco. All rights reserved.
 Copyright (c) 2008 Chia-I Wu
 Copyright (c) 2008 CSE Semaphore Belgium. by Laurent Pinchart <laurentp@cse-semaphore.com>
 Copyright (c) 2008 Bull S.A.S.
 Copyright (c) 2008 Bernhard Weirich <bernhard.weirich@riedel.net>
 Copyright (c) 2008 Atom Create Engineering Co., Ltd.
 Copyright (c) 2008 Applied Micro Circuits Corporation. All rights reserved. James Hsiao <jhsiao@amcc.com>
 Copyright (c) 2005-2009 Anssi Hannula <anssi.hannula@gmail.com>
 Copyright (c) 2008 Andres Salomon <dilinger@debian.org>
 Copyright (c) 2008 Alistair John Strachan <alistair@devzero.co.uk>
 Copyright (c) 2008 Alek Du <alek.du@intel.com>
 Copyright (c) 2008 Adrian-Ken Rueegsegger <ken@codelabs.ch>
 Copyright (c) 2007-8 Patrick Boettcher <pb@linuxtv.org>
 Copyright (c) 2007-2011 Nicira Networks.
 Copyright (c) 2007-2010, Synaptics Incorporated
 Copyright (c) 2007-2010 Vasily Khoruzhick
 Copyright (c) 2007-2010 The Khronos Group Inc.
 Copyright (c) 2007-2010 Paul Mundt <lethal@linux-sh.org>
 Copyright (c) 2007-2010 Bartlomiej Zolnierkiewicz
 Copyright (c) 2007-2009 , Christian Lamparter <chunkeey@web.de>
 Copyright (c) 2006-2009 Philipp Zabel <philipp.zabel@gmail.com>
 Copyright (c) 2007-2009 Oliver Neukum
 Copyright (c) 2007-2009 NetLogic Microsystems, Inc.
 Copyright (c) 2007-2008, Realsil Wlan.
 Copyright (c) 2007-2008 Tungsten Graphics, Inc., Cedar Park, TX., USA, All Rights Reserved.
 Copyright (c) 2007-2008 Pavel Roskin <proski@gnu.org>
 Copyright (c) 2007-2008 Michael Taylor <mike.taylor@apprion.com>
 Copyright (c) 2005-2008 Mauro Carvalho Chehab (mchehab@infradead.org).
 Copyright (c) 2007-2008 Matthew W. S. Bell <mentor@madwifi.org>
 Copyright (c) 2007-2008 Luis Rodriguez <mcgrof@winlab.rutgers.edu>
 Copyright (c) 2005-2008 Joern Engel <joern@logfs.org>
 Copyright (c) 2007-2008 Jiri Slaby <jirislaby@gmail.com>
 Copyright (c) 2007-2008 Jim Paris <jim@jtan.com>
 Copyright (c) 2007-2008 Intel Corporation Jesse Barnes <jesse.barnes@intel.com>
 Copyright (c) 2007-2008 Claudio Nieder <private@claudio.ch>
 Copyright (c) 2007-2008 Bruno Randolf <bruno@thinktube.com>
 Copyright (c) 2007-2008 Dmitry Baryshkov
 Copyright (c) 2007, XenSource Inc.
 Copyright (c) 2007, MontaVista Software, Inc. <source@mvista.com>
 Copyright (c) 2007, 2013 Tejun Heo <tj@kernel.org>
 Copyright (c) 2006-2013 Tejun Heo <teheo@suse.de>
 Copyright (c) 2007, 2011 Jean Delvare <jdelvare@suse.de>
 Copyright (c) 2007, 2010, 2012 Freescale Semiconductor, Inc.
 Copyright (c) 2007, 2010 Intel Corporation Jesse Barnes <jesse.barnes@intel.com>
 Copyright (c) 2007, 2010 George Joseph <george.joseph@fairview5.com>

, 2007-2010 QLogic Corporation. All rights reserved.
 Copyright (c) 2007, 2008, 2009, 2010 Juerg Haefliger <juergh@gmail.com>
 Copyright (c) 2007, 2008 Mike Christie
 Copyright (c) 2007, 2004-2005 Simtec Electronics. Ben Dooks <ben@simtec.co.uk>
 Copyright (c) 2007 by Silicon Motion, Inc. (SMI)
 Copyright (c) 2007 by Bill Gatliff <bgat@billgatliff.com>.
 Copyright (c) 2007 allank
 Copyright (c) 2007 Xceive Corporation
 Copyright (c) 2007 Wouter Horre
 Copyright (c) 2007 Vivek Goyal (vgoyal@in.ibm.com)
 Copyright (c) 2007 University of Aberdeen, Scotland, UK
 Copyright (c) 2007 Ujjwal Pande <ujjwal@kenati.com>, Kenati Technologies Pvt Ltd.
 Copyright (c) 2007 TinCanTools David Anders <danders@amltd.com>
 Copyright (c) 2007 The University of Aberdeen, Scotland, UK
 Copyright (c) 2007 Tan Swee Heng <thesweeheng@gmail.com>
 Copyright (c) 2007 Sigmatel, Inc. Peter Hartley, <peter.hartley@sigmatel.com>
 Copyright (c) 2007 Shin-ya Okada.
 Copyright (c) 2007 Samuel Ortiz <samuel@sortiz.org>
 Copyright (c) 2007 SUSE Linux Products GmbH
 Copyright (c) 2007 STMicroelectronics (R&D) Ltd.
 Copyright (c) 2006-2007 Rik Snel <rsnel@cube.dyndns.org>
 Copyright (c) 2004-2008 Richard Purdie.
 Copyright (c) 2007 Red Hat, Inc. Author(s): Jeff Layton (jlayton@redhat.com) Steve French (sfrench@us.ibm.com)
 Copyright (c) 2006-2007 Rafael J. Wysocki <rjw@sisk.pl>
 Copyright (c) 2007 Paul Walmsley
 Copyright (c) 2007 Patrick Boettcher <pb@linuxtv.org>
 Copyright (c) 2007 Oracle Corporation. All rights reserved. Written by Martin K. Petersen <martin.petersen@oracle.com>
 Copyright (c) 2006-2007 Olivier DANET <odanet@caramail.com>
 Copyright (c) 2007 Nokia Siemens Networks - Mikko Herranen <mh1@iki.fi>
 Copyright (c) 2007 Nokia Siemens Networks
 Copyright (c) 2007 Nobuhiro Iwamatsu
 Copyright (c) 2007 Microchip Technology Inc. .
 Copyright (c) 2007 Manuel Lauss <mano@roarinelk.homelinux.net>
 Copyright (c) 2007 Luis R. Rodriguez <mcgrof@winlab.rutgers.edu>
 Copyright (c) 2007 Larry Finger <Larry.Finger@lwfinger.net>
 Copyright (c) 2007 Kevin O'Connor <kevin@koconnor.net>
 Copyright (c) 2007 Kevin Lo <kevlo@kevlo.org>
 Copyright (c) 2007 Keir Fraser, XenSource Inc
 Copyright (c) 2007 Kalle Valo <kalle.valo@iki.fi>
 Copyright (c) 2007 Julian Scheel <julian@jusst.de>
 Copyright (c) 2007 Jakob Bornecrantz <wallbraker@gmail.com>
 Copyright (c) 2007 Intel Corp. All Rights Reserved.
 Copyright (c) 2007 Ilyes Gouta.
 Copyright (c) 2007 Igor Mammedov Author(s): Igor Mammedov (niallain@gmail.com) Steve French (sfrench@us.ibm.com) Wang Lei (wang840925@gmail.com) David Howells (dhowells@redhat.com)
 Copyright (c) 2007 Igor Mammedov
 Copyright (c) 2007 Hans J. Koch, Linutronix GmbH
 Copyright (c) 2007 Guido Guenther <agx@sigxcpu.org>
 Copyright (c) 2007 Freescale Semiconductor, Inc. All rights reserved.
 Copyright (c) 2007 Eric Biederman (ebiederm@xmission.com)
 Copyright (c) 2007 Deep Root Systems, LLC
 Copyright (c) 2006-2007 Dave Airlie <airlied@linux.ie>

Copyright (c) 2007 Daniel Mack <daniel@caiaq.de> Karsten Wiese
<fzu@wemgehoertderstaat.de>
Copyright (c) 2007 Daniel Mack
Copyright (c) 2007 Citrix Systems, Inc.
Copyright (c) 2004-2007 Christoph Hellwig <hch@lst.de>
Copyright (c) 2007 Byron Bradley
Copyright (c) 2007 Benjamin Herrenschmidt, IBM.
Copyright (c) 2007 Ben Dooks <ben@simtec.co.uk>
Copyright (c) 2007 Barry Carter <Barry.Carter@robotfuzz.com>
Copyright (c) 2007 Atheros Corporation.
Copyright (c) 2007 Anton Vorontsov <avorontsov@ru.mvista.com>
Copyright (c) 2007 Andi Kleen (ak@suse.de)
Copyright (c) 2007 Alexey Starikovskiy <astarikovskiy@suse.de>
Copyright (c) 1012-2008 Jean Delvare <jdelvare@suse.de>
Copyright (c) 2007 - 2008 Jacob Jun Pan <jacob.jun.pan@intel.com>
Copyright (c) 2005-2014 Brocade Communications Systems, Inc.
Copyright (c) 2006-2012 Wilocity .
Copyright (c) 2006-2011 Michael Hennerich <hennerich@blackfin.uclinux.org>
Copyright (c) 2006-2010 BalaBit IT Ltd. Author: Balazs Scheidler, Krisztian Kovacs
Copyright (c) 2006-2009 Vmware, Inc., Palo Alto, CA., USA All Rights Reserved.
Copyright (c) 2006-2009 Victor Chukhantsev, Denis Grigoriev,
Copyright (c) 2006-2009 Simtec Electronics. Ben Dooks <ben@simtec.co.uk> Vincent Sanders
<vince@simtec.co.uk>
Copyright (c) 2006-2009 Simtec Electronics, Ben Dooks <ben@simtec.co.uk>
Copyright (c) 2004-2014 Red Hat Inc.
Copyright (c) 2006-2009 Nick Kossifidis <mickflemm@gmail.com>
Copyright (c) 2006-2008 Simtec Electronics. Ben Dooks <ben@simtec.co.uk> Vincent Sanders
<vince@arm.linux.org.uk>
Copyright (c) 2003-2008 Simtec Electronics.
Copyright (c) 2006-2008 One Laptop Per Child Authors: Zephaniah E. Hull Andres Salomon
<dilinger@debian.org>
Copyright (c) 2006-2008 Juergen Beisert <jbeisert@netscape.net>
Copyright (c) 2006-2008 Greg Kroah-Hartman <greg@kroah.com>
Copyright (c) 2006-2008 Freescale Semiconductor, Inc. Author: Scott Wood
<scottwood@freescale.com>
Copyright (c) 2006-2008 Dominik Kühlen <dkuhlen@gmx.net>
Copyright (c) 2006-2008 Daniel Mack, Karsten Wiese
Copyright (c) 2006-2007 , D G Murray.
Copyright (c) 2006-2007, 2011-2012 Freescale Semiconductor, Inc.
Copyright (c) 2006-2007 Tungsten Graphics, Inc., Cedar Park, TX., USA All Rights Reserved.
Copyright (c) 2006-2007 Simtec Electronics. Ben Dooks <ben@simtec.co.uk> Vincent Sanders
<vince@arm.linux.org.uk>
Copyright (c) 1999-2007 Silicon Graphics, Inc.
Copyright (c) 2006-2007 Ondrej Zajicek <santiago@crfreenet.org>
Copyright (c) 2006-2007 Oliver Bock (bock@tfh-berlin.de)
Copyright (c) 2006-2007 Jorge Boncompagni - DTI2 <jorge@dti2.net>
Copyright (c) 2006-2007 Freescale Semiconductor
Copyright (c) 2005-2007 David Brownell
Copyright (c) 2000-2008 The Regents of the University of Michigan. All rights reserved.
Copyright (c) 2006,2007 Daniel Mack, Tim Ruetz
Copyright (c) 2006, emlix, Sebastian Hess <shess@hessware.de>
Copyright (c) 2005-2006 , Keir Fraser <keir@xensource.com>
Copyright (c) 2006, Ian Campbell, XenSource Inc.
Copyright (c) 2006, Ian Campbell
Copyright (c) 2006, 2009, 2010 QLogic, Corporation. All rights reserved.

Copyright (c) 2006, 2007, 2008, 2009, 2010 QLogic Corporation. All rights reserved.
 Copyright (c) 2006, 2007 IBM Corp. Josh Boyer <jwboyer@linux.vnet.ibm.com>, David Gibson <dwg@au1.ibm.com>
 Copyright (c) 2006, 2007 IBM Corp. Benjamin Herrenschmidt <benh@kernel.crashing.org>
 Copyright (c) 2006 by Mauro Carvalho Chehab <mchehab--a.t--infradead.org> Ted Walther <ted--a.t--enumera.com> John Sokol <sokol--a.t--videotechnology.com>
 Copyright (c) 2006 by Matthias König <mk@phasorlab.de>
 Copyright (c) 2006 by Jing Min Zhao <zhaomingmin@users.sourceforge.net>
 Copyright (c) 2006 Wolfson Microelectronics PLC. Graeme Gregory
 graeme.gregory@wolfsonmicro.com linux@wolfsonmicro.com
 Copyright (c) 2006 Willem Duinker.
 Copyright (c) 2006 Tower Technologies
 Copyright (c) 2006 Tensilica, Inc. All Rights Reserved.
 Copyright (c) 2006 Steven Rostedt.
 Copyright (c) 2006 Sphere Systems Ltd.
 Copyright (c) 2006 Silicon Graphics, Inc. by Greg Banks <gnb@melbourne.sgi.com>
 Copyright (c) 2005-2006 Rick Koch <n1gp@hotmail.com>
 Copyright (c) 2006 Red Hat, Inc., Ingo Molnar
 Copyright (c) 2006 Ralf Baechle (ralf@linux-mips.org)
 Copyright (c) 2006 QLogic, Corporation. All rights reserved.
 Copyright (c) 2006 Pototskiy Akex <alex.pototskiy@gmail.com> Takashi Iwai <tiwai@suse.de>
 Tobin Davis <tdavis@dsl-only.net>
 Copyright (c) 2006 Option Wireless n/v All rights Reserved.
 Copyright (c) 2004-2006 Oliver Neukum <oliver@neukum.name>
 Copyright (c) 2006 Novell, Inc.
 Copyright (c) 2006 Nokia Corporation corgi_ts.c
 Copyright (c) 2006 Nokia Corporation Various changes: Imre Deak <imre.deak@nokia.com>
 Copyright (c) 2006 Moxa Technologies Co., Ltd.
 Copyright (c) 2004-2006 Michal Ludvig <michal@logix.cz>
 Copyright (c) 2006 Michael Hanselmann <linux-kernel@hansmi.ch>
 Copyright (c) 2006 Marek Vasut
 Copyright (c) 2006 Luc Verhaegen (quirks list)
 Copyright (c) 2006 Linus Walleij
 Copyright (c) 2006 Kyle McMartin <kyle@parisc-linux.org>
 Copyright (c) 2006 Jürgen Schindele
 Copyright (c) 2006 Jochen Voss <voss@seehuhn.de>
 Copyright (c) 2006 Jiri Benc <jbenc@suse.cz>
 Copyright (c) 2006 Jing Min Zhao <zhaomingmin@users.sourceforge.net>
 Copyright (c) 2005-2006 Ian Molton
 Copyright (c) 2006 Herbert Valerio Riedel <hvr@gnu.org>
 Copyright (c) 2006 Hartmut Birr (e9hack at gmail dot com)
 Copyright (c) 2006 Guedez Clement <klem.dev@gmail.com>
 Copyright (c) 2006 Freescale Semiconductor, Inc. Shlomi Gridish <gridish@freescale.com>
 Jerry Huang <Chang-Ming.Huang@freescale.com>
 Copyright (c) 2006 Edgar Hucek <gimli@dark-green.com>
 Copyright (c) 2004-2006 Dmitry Torokhov <dtor@mail.ru>
 Copyright (c) 2006 Diego Beltrami <diego.beltrami@gmail.com> Miika Komu <miika@iki.fi>
 Herbert Xu <herbert@gondor.apana.org.au> Abhinav Pathak <abhinav.pathak@hiit.fi> Jeff
 Ahrenholz <ahrenholz@gmail.com>
 Copyright (c) 2006 Devicescape Software, Inc.
 Copyright (c) 2006 David Basden.
 Copyright (c) 2006 Damien Bergamini <damien.bergamini@free.fr>
 Copyright (c) 2006 Carsten Emde, Open Source Automation Development Lab
 Copyright (c) 2006 Carlos Munoz <carlos@kenati.com>
 Copyright (c) 2005-2006 Arnaldo Carvalho de Melo <acme@conectiva.com.br>

Copyright (c) 2006 Anton Vorontsov <cbou@mail.ru>
 Copyright (c) 2006 Andrzej Zaborowski <balrog@zabor.org>
 Copyright (c) 2006 Andriy Skulysh <askulsyh@gmail.com>
 Copyright (c) 2006 American Microsystems Limited David Anders <danders@amltd.com>
 Copyright (c) 2006 Alberto Mardegan
 Copyright (c) 2006 ATRON electronic GmbH Author: Jan Nikitenko <jan.nikitenko@gmail.com>
 Copyright (c) 2006 ATI Technologies Inc.
 Copyright (c) 2006 - 2012 QLogic Corporation. All rights reserved.
 Copyright (c) 2006 - 2011 Intel-NE, Inc. All rights reserved.
 Copyright (c) 2006 - 2009 Mellanox Technology Inc. All rights reserved.
 Copyright (c) 2005-7 The University of Waikato, Hamilton, New Zealand.
 Copyright (c) 2005-7 Ian McDonald <ian.mcdonald@jandi.co.nz>
 Copyright (c) 2005-6 The University of Waikato, Hamilton, New Zealand.
 Copyright (c) 2005-6 Ian McDonald <ian.mcdonald@jandi.co.nz>
 Copyright (c) 2005-2011 ARMadeus systems <support@armadeus.com>
 Copyright (c) 2005-2010 Brocade Communications Systems, Inc. All rights reserved.
 Copyright (c) 2005- 2007-2012 -2013, Wind River Systems All rights reserved.
 Copyright (c) 2004-2008 , 2010-2011, Wind River Systems All rights reserved.
 Copyright (c) 2005-2008 Stefano Brivio <stefano.brivio@polimi.it>
 Copyright (c) 2005-2008 DLA Systems, David H. Lynch Jr. <dhlii@dlasys.net>
 Copyright (c) 2005-2008 Christer Weinigel <christer@weinigel.se>
 Copyright (c) 2004-2008 , 2010-2013, Wind River Systems All rights reserved.
 Copyright (c) 2005-2007 Vladimir Lebedev <vladimir.p.lebedev@intel.com>
 Copyright (c) 2005-2007 Stanislaw Gruszka.
 Copyright (c) 2003-2007 Network Appliance, Inc. All rights reserved.
 Copyright (c) 2004-2007 Matthieu Castet <castet.matthieu@free.fr>
 Copyright (c) 1998-2008 Axis Communications AB.
 Copyright (c) 2005-2006 , Christopher Clark
 Copyright (c) 1995-2006 , 2014, Ericsson AB
 Copyright (c) 2005-2006, 2013 Ericsson AB
 Copyright (c) 2004-2008 , 2010-2014, Wind River Systems All rights reserved.
 Copyright (c) 2004-2007 Voltaire, Inc. All rights reserved.
 Copyright (c) 2005-2006 Varma Electronics Oy
 Copyright (c) 2005-2008 Mauro Carvalho Chehab <mchehab@infradead.org>
 Copyright (c) 2005-2006 Hewlett-Packard Development Company, L.P. Contributed by
 Stephane Eranian <eranian@hpl.hp.com>
 Copyright (c) 2005-2006 DENX Software Engineering Stefan Roes <sr@denx.de>
 Copyright (c) 2005,2006 Option Wireless Sweden AB
 Copyright (c) 2005-2006 Jim Cromie <jim.cromie@gmail.com>
 Copyright (c) 2005, XenSource Ltd
 Copyright (c) 2005, Rusty Russell, IBM Corporation
 Copyright (c) 2005, Nguyen Anh Quynh <aquynh@gmail.com>
 Copyright (c) 2005, Devicescape Software, Inc.
 Copyright (c) 2004-2005 , Christian Limpach
 Copyright (c) 2005, Bull S.A. Written by Pierre Peiffer <pierre.peiffer@bull.net>
 Copyright (c) 2005, Advanced Micro Devices, Inc.
 , 2010-2014 , Wind River Systems All rights reserved.
 Copyright (c) 2005, 2009, 2011 Freescale Semiconductor, Inc.
 Copyright (c) 2005, 2008 Axis Communications AB Author: Mikael Starvik
 Copyright (c) 2005, 2007, 2008 Ian Molton
 Copyright (c) 2005, 2006, 2008 Patrick McHardy <kaber@trash.net>
 Copyright (c) 2005, 2006, 2007, 2008 Mellanox Technologies. All rights reserved.
 Copyright (c) 2005, 2006, 2007 Cisco Systems. All rights reserved.
 Copyright (c) 2005, 2006, 2007 Cisco Systems, Inc. All rights reserved.
 Copyright (c) 2005-2006 PathScale, Inc. All rights reserved.

Copyright (c) 2005-2006 Danny van Dyk <kugelfang@gentoo.org>
 Copyright (c) 2005-2006 Andreas Jaggi <andreas.jaggi@waterwave.ch>
 Copyright (c) 2005-2006 Andrea Bittau <a.bittau@cs.ucl.ac.uk>
 Copyright (c) 2005 by Tilman Schmidt <tilman@imap.cc>, Hansjoerg Lipp <hjlipp@web.de>, Stefan Eilers.
 Copyright (c) 1999-2005 Vojtech Pavlik <vojtech@suse.cz>
 Copyright (c) 2005 The University of Waikato, Hamilton, New Zealand.
 Copyright (c) 2005 Sun Microsystems, Inc. All rights reserved.
 Copyright (c) 2005 Stefano Brivio <st3@riseup.net>
 Copyright (c) 2005 Stanislaw Skowronek <skylark@linux-mips.org>
 Copyright (c) 2005 Sasha Khapyorsky <sashak@alsa-project.org> Takashi Iwai <tiwai@suse.de>
 Copyright (c) 2005 Samsung Electronics Kyungmin Park <kyungmin.park@samsung.com>
 Copyright (c) 2005 SDG Systems, LLC
 Copyright (c) 2005 Roger Lucas.
 Copyright (c) 2005 Rich Townsend <rhdt@bartol.udel.edu>
 Copyright (c) 2005 Petr Stehlik of ARAnyM dev team
 Copyright (c) 2005 Pete Zaitcev <zaitcev@redhat.com>
 Copyright (c) 2005 Palmsource, Inc.
 Copyright (c) 2005 Oracle Corporation, Joel Becker <joel.becker@oracle.com>
 Copyright (c) 2005 Nick Sillik <n.sillik@temple.edu>
 Copyright (c) 2005 MontaVista Software
 Copyright (c) 2005 Misha Zhilin <misha@epiphan.com>
 Copyright (c) 2005 Milan Jurik, Petr Stehlik of ARAnyM dev team
 Copyright (c) 2005 Michael Schmitz
 Copyright (c) 2005 Michael Haboustak <mike-@cinci.rr.com>.
 Copyright (c) 2005 Michael Haboustak <mike-@cinci.rr.com> for Concept2, Inc
 Copyright (c) 2005 Martin Langer <martin-langer@gmx.de>, Stefano Brivio <stefano.brivio@polimi.it> Michael Buesch <m@bues.ch> Danny van Dyk <kugelfang@gentoo.org> Andreas Jaggi <andreas.jaggi@waterwave.ch>
 Copyright (c) 2005 Martin Langer <martin-langer@gmx.de>,
 Copyright (c) 2005 Martin Langer <martin-langer@gmx.de>
 Copyright (c) 2005 Luben Tuikov <luben_tuikov@adaptecc.com>
 Copyright (c) 2005 Linux Driver Project <m5602@x3ng.com.br>
 Copyright (c) 2005 Linas Vepstas <linas@linas.org>
 Copyright (c) 2005 Koninklijke Philips Electronics N.V.
 Copyright (c) 2005 Kenan Esau <kenan.esau@conan.de>
 Copyright (c) 2005 Keir Fraser
 Copyright (c) 2005 John Lenz
 Copyright (c) 2005 John Bicket All rights reserved.
 Copyright (c) 2005 James Simmons
 Copyright (c) 2003-2005 Intracom S.A. by Pantelis Antoniou <panto@intracom.gr>
 Copyright (c) 2005 Intel Inc. All rights reserved.
 Copyright (c) 2005 Ian Molton <spyro@f2s.com>
 Copyright (c) 2005 Ian McDonald <ian.mcdonald@jandi.co.nz>
 Copyright (c) 2005 Ian McDonald <iam4@cs.waikato.ac.nz>
 Copyright (c) 2005 IBM Corporation Joachim Fenkes <fenkes@de.ibm.com> Heiko J Schick <schickhj@de.ibm.com>
 Copyright (c) 2005 Henk Vergonet <Henk.Vergonet@gmail.com>
 Copyright (c) 2005 Giorgio Padrin <giorgio@mandarinlogiq.org>
 Copyright (c) 2005 Gene Collins
 Copyright (c) 2004-2005 Eugene Surovegin <ebs@ebshome.net>
 Copyright (c) 2005 Enrik Berkhan <Enrik.Berkhan@akk.org>
 Copyright (c) 2005 Embedded Alley Solutions, Inc. Matt Porter <mporter@embeddedalley.com>
 Copyright (c) 2005 Dirk Opfer

Copyright (c) 2004-2005 David Shaohua Li <shaohua.li@intel.com>
 Copyright (c) 2005 David Kubicek <dave@awk.cz>
 Copyright (c) 2005 Dan M. Smith, IBM Corporation
 Copyright (c) 2005 Dag Arne Osvik <da@osvik.no>
 Copyright (c) 2005 Cisco Systems. All rights reserved. Roland Dreier <rolandd@cisco.com>
 Copyright (c) 2005 Christoph Bartelmus <lirc@bartelmus.de>
 Copyright (c) 2005 Benjamin Herrenschmidt, IBM Corpbenh@kernel.crashing.org>
 Copyright (c) 2005 Ben Gardner <bgardner@wabtec.com>
 Copyright (c) 2005 Aspen Systems, Inc.
 Copyright (c) 2005 Arnaldo Carvalho de Melo <acme@mandriva.com>
 Copyright (c) 2005 Arnaldo Carvalho de Melo <acme@ghostprotocols.net>
 Copyright (c) 2005 Aristeu Sergio Rozanski Filho <aris@cathedrallabs.org>
 Copyright (c) 2000-2012 Anton Altaparmakov
 Copyright (c) 2005 Andrey Panin <pazke@donpac.ru>
 Copyright (c) 2005 Andrea Merello <andrea.merello@gmail.com>
 Copyright (c) 2005 Ammasso, Inc. All rights reserved.
 Copyright (c) 2005 Alexey Starikovskiy <alexey.y.starikovskiy@intel.com>
 Copyright (c) 2005 Alexander Wykes
 Copyright (c) 2005 Adaptec, Inc. All rights reserved.
 Copyright (c) 2005 ASPEED Technology Inc.
 Copyright (c) 2005 - James Bottomley <James.Bottomley@steeleye.com>
 Copyright (c) 2005 Naoto Sugai.
 Copyright (c) 2005 Maarten Deprez <maartendeprez@users.sourceforge.net>
 Copyright (c) 2004-2009 Reyk Floeter <reyk@openbsd.org>
 Copyright (c) 2004-2008 Simtec Electronics. Ben Dooks <ben@simtec.co.uk>
 Copyright (c) 2004-2008 David Howells <dhowells@redhat.com>
 Copyright (c) 2004-2008 Ben Dooks
 Copyright (c) 2004-2007 , Michael Wu <flamingice@sourmilk.net>
 Copyright (c) 2004-2007, Matt Reimer <mreimer@vpop.net>
 Copyright (c) 2004-2007 Voltaire Corporation. All rights reserved.
 Copyright (c) 2004-2007 Romain Beauxis <toots@rastageeks.org>
 Copyright (c) 2002-2006 , K A Fraser
 Copyright (c) 2000-2006 , 2014-2015, Ericsson AB
 Copyright (c) 2004-2006 Silicon Graphics, Inc. Modified by Paul Jackson <pj@sgi.com>
 Copyright (c) 2004-2006 Macq Electronique SA.
 Copyright (c) 2001-2006 Helge Deller <deller@gmx.de>
 Copyright (c) 2004-2005, Szabolcs Gyurko <szabolcs.gyurko@tlt.hu>
 Copyright (c) 2003-2005 , Keir Fraser
 Copyright (c) 2004-2005 Thibaut VARENE <varenet@parisc-linux.org>
 Copyright (c) 2004-2005 Stephane VOLTZ <svoltz@numericable.fr>
 Copyright (c) 2004-2007 Simtec Electronics Ben Dooks, <ben@simtec.co.uk>
 Copyright (c) 2004,2005,2006,2007,2008,2009 NVIDIA Corporation
 Copyright (c) 2003-2005 Patrick McHardy, <kaber@trash.net>
 Copyright (c) 2004,2005 Arnaud Patard
 Copyright (c) 2004, Steven Smith
 Copyright (c) 2004, Luke Kenneth Casson Leighton <lkcl@lkcl.net>
 Copyright (c) 2004, Andrew Warfield
 Copyright (c) 2004, 2008 Matt Mackall <mpm@selenic.com>
 Copyright (c) 2004, 2005, 2006, 2007 Broadcom Corporation
 Copyright (c) 2004, 2005, 2006 Voltaire, Inc. All rights reserved.
 Copyright (c) 2004, 2005 Zultys Technologies. Eugene Surovegin
 <eugene.surovegin@zultys.com> or <ebs@ebshome.net>
 Copyright (c) 2004, 2005 Zultys Technologies Eugene Surovegin
 <eugene.surovegin@zultys.com> or <ebs@ebshome.net>
 Copyright (c) 2004-2005 Topspin Corporation. All rights reserved.

Copyright (c) 2004-2005 Topspin Communications. All rights reserved.
 Copyright (c) 2004-2005 Mellanox Technologies Ltd. All rights reserved.
 Copyright (c) 2004, 2005 Jeroen Vreeken (pe1rxq@amsat.org)
 Copyright (c) 2004, 2005 James Bottomley <James.Bottomley@SteelEye.com>
 Copyright (c) 2004-2005 Infinicon Corporation. All rights reserved.
 Copyright (c) 2004 by Hansjoerg Lipp <hjlipp@web.de>
 Copyright (c) 2003-2004 by Digigram <alsa@digigram.com>
 Copyright (c) 2004 by Castet Matthieu <castet.matthieu@free.fr>
 Copyright (c) 2004 Will Schmidt IBM Corporation. Nathan Lynch nathanl@austin.ibm.com
 Copyright (c) 2004 Vojtech Pavlik and Dan Streetman <ddstreet@ieee.org>
 Copyright (c) 2004 Utilitek Systems, Inc.
 Copyright (c) 2004 Torrey Hoffman <thoffman@arnor.net>
 Copyright (c) 2000-2004 The Regents of the University of Michigan.
 Copyright (c) 2004 Texas Instruments.
 Copyright (c) 2004 Takashi Iwai <tiwai@suse.de> PeiSen Hou <pshou@realtek.com.tw>
 Copyright (c) 2004 TDF
 Copyright (c) 2004 Simtec Electronics, Written by Ben Dooks, <ben@simtec.co.uk>
 Copyright (c) 2004 Silicon Graphics, Inc Russ Anderson <rja@sgi.com> Jesse Barnes
 <jbarnes@sgi.com> Jack Steiner <steiner@sgi.com>
 Copyright (c) 2004 Shannon Holland <holland@loser.net>
 Copyright (c) 2004 Sascha Hauer <saschahauer@web.de>
 Copyright (c) 2004 Rudolf Marek <r.marek@assembler.cz>
 Copyright (c) 2003-2004 Ron Lee (ron@debian.org).
 Copyright (c) 2004 Red Hat, Inc., James Morris <jmorris@redhat.com>
 Copyright (c) 2004 Ray Lehtiniemi
 Copyright (c) 2004 Randy Dunlap
 Copyright (c) 2004 Peter Nelson <rufus-kernel@hackish.org>
 Copyright (c) 2004 Peter Gruber <nokos@gmx.net>
 Copyright (c) 2002-2004 Pavel Machek <pavel@ucw.cz>
 Copyright (c) 2004 Panagiotis Issaris <panagiotis.issaris@mech.kuleuven.ac.be>
 Copyright (c) 2004 Nick Jones
 Copyright (c) 2004 Nex Vision Guillaume GOURAT <guillaume.gourat@nexvision.fr>
 Copyright (c) 2004 Naoto Sugai, NIIBE Yutaka
 Copyright (c) 2003-2004 Mark M. Hoffman <mhoffman@lightlink.com>
 Copyright (c) 2004 MIPS Inc Author: chris@mips.com
 Copyright (c) 2004 Linus Torvalds <torvalds@osdl.org>
 Copyright (c) 2004 Li Shaohua <shaohua.li@intel.com>
 Copyright (c) 2004 Kouichi ONO.
 Copyright (c) 2004 Kiran Kumar Immidi <immidi_kiran@yahoo.com>
 Copyright (c) 2004 Kailang Yang <kailang@realtek.com.tw> PeiSen Hou
 <pshou@realtek.com.tw> Takashi Iwai <tiwai@suse.de> Jonathan Woithe
 <jwoithe@just42.net>
 Copyright (c) 2004 Jouni Malinen
 Copyright (c) 2004 Joerg Albert <joerg.albert@gmx.de>
 Copyright (c) 2004 Jocelyn Mayer 2011 Alexander Graf
 Copyright (c) 2004 Jean-Luc Cooke <jlcooke@certaintkey.com>
 Copyright (c) 2004 Jaroslav Kysela <perex@perex.cz> 2008 Pavel Hofman
 <dustin@seznam.cz>
 Copyright (c) 2000-2004 Jaroslav Kysela <perex@perex.cz>
 Copyright (c) 2004 Jan Steinhoff (cpad@jan-steynhoff . de)
 Copyright (c) 2004 James Simmons <jsimmons@infradead.org>
 Copyright (c) 2004 James Morris <jmorris@redhat.com>, Red Hat Inc.
 Copyright (c) 2004-2004 James Courtier-Dutton <James@superbug.demon.co.uk>
 Copyright (c) 2004 Hirokazu Takata

Copyright (c) 2004 Hewlett-Packard Development Company, L.P. Contributed by David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (c) 2004 Gerd Knorr <kraxel@bytesex.org> [SUSE Labs]
Copyright (c) 2000-2004 Gerd Knorr
Copyright (c) 2004 Fetron GmbH
Copyright (c) 2003-2004 Evgeniy Polyakov <zbr@ioremap.net>
Copyright (c) 2004 Erik Rigtorp <erikki@linux.nu> <erik@rigtorp.com>
Copyright (c) 2004 Balint Seeber.
Copyright (c) 2004 Andras BALI <drewie@freemail.hu>
Copyright (c) 2004 Amstrad Plc
Copyright (c) 2004 Aaron Grothe ajgrothe@yahoo.com
Copyright (c) 2004 - 2009 Paul Mundt
Copyright (c) 2003-2015 Cavium, Inc.
Copyright (c) 2003-2014 Cavium Inc.
Copyright (c) 2003-2014 Broadcom Corporation All Rights Reserved
Copyright (c) 2003-2012 Cavium Networks
Copyright (c) 2003-2010 Cavium Networks (support@cavium.com). All rights reserved.
Copyright (c) 2000-2007 , Ericsson AB
Copyright (c) 2003-2006, Cluster File Systems, Inc, info@clusterfs.com Written by Alex Tomas <alex@clusterfs.com>
Copyright (c) 2003-2006, 2013, Ericsson AB
Copyright (c) 2003-2006 Simtec Electronics <linux@simtec.co.uk>
Copyright (c) 2003-2006 Zultys Technologies
Copyright (c) 2000-2009 Silicon Graphics, Inc. All rights reserved.
Copyright (c) 2003-2005 Peter Osterlund <petero2@telia.com>
Copyright (c) 2003-2005 Motorola
Copyright (c) 2003-2007 Matthew Wilcox <matthew@wil.cx>
Copyright (c) 2003-2005 IBM Corp. Dave Engebretsen engebret@us.ibm.com Santiago Leon santil@us.ibm.com Hollis Blanchard <hollisb@us.ibm.com> Stephen Rothwell
Copyright (c) 2003-2005 Code Mercenaries GmbH written by Christian Lucht <lucht@codemerces.com>
Copyright (c) 2003-2011 Chelsio Communications. All rights reserved.
Copyright (c) 2003-2005 AMD, Personal Connectivity Solutions
Copyright (c) 2003-2004, MontaVista Software, Inc.
Copyright (c) 2003-2004, M Williamson, K Fraser
Copyright (c) 2003-2004, Keir Fraser & Steve Hand
Copyright (c) 2002-2004 , Jouni Malinen <jkmaline@cc.hut.fi>
Copyright (c) 2003-2008 Silicon Graphics Inc. All Rights Reserved.
Copyright (c) 2002-2004 LSI Logic Corporation.
Copyright (c) 2003-2004 IBM Corp.
Copyright (c) 2003-2004 Fabrice Bellard
Copyright (c) 2003-2004 Embedded Edge, LLC.
Copyright (c) 2003-2010 Dmitry Torokhov
Copyright (c) 2003-2004 Christoph Hellwig All rights reserved.
Copyright (c) 2003-2005 Joern Engel <joern@wh.fh-wedel.de>
Copyright (c) 2003,2008 IBM Corp. Dave Engebretsen engebret@us.ibm.com Santiago Leon santil@us.ibm.com Hollis Blanchard <hollisb@us.ibm.com> Stephen Rothwell Robert Jennings <rcjenn@us.ibm.com>
Copyright (c) 2003, Dr Brian Gladman, Worcester, UK. All rights reserved.
Copyright (c) 2003, B Dragovic
Copyright (c) 2003, 2004, 2005, 2006 PathScale, Inc. All rights reserved.
Copyright (c) 2003, 2004, 2005 Francois Romieu <romieu@fr.zoreil.com>
Copyright (c) 2003-2004 Zultys Technologies. Eugene Surovegin <eugene.surovegin@zultys.com>
Copyright (c) 2003, 2004 Zultys Technologies

Copyright (c) 2003, 2004 Renesas Technology Corp.
Copyright (c) 2003, 2004 Red Hat Inc. Written by David Howells <dhowells@redhat.com>
Copyright (c) 2003, 2004 Jeff Garzik <jgarzik@pobox.com>
Copyright (c) 2001-2004 Hitoshi Yamamoto
Copyright (c) 2003, 2004 David Young. All rights reserved.
Copyright (c) 2003, 2004 Damien Bergamini <damiens.bergamini@free.fr>. All rights reserved.
Copyright (c) 2003 by Karsten Wiese <annabellesgarden@yahoo.de>
Copyright (c) 2003 by James.Bottomley.
Copyright (c) 2003 by Giuliano Pochini <pochini@shiny.it>
Copyright (c) 2003 by Clemens Ladisch <clemens@ladisch.de> All rights reserved.
Copyright (c) 2003 Zinx Verituse <zinx@epicsol.org>
Copyright (c) 2003 Will Schmidt IBM Corporation.
Copyright (c) 2003 Stephen Hemminger <shemminger@osdl.org>
Copyright (c) 2003 Spirent Communications and Claus Gindhart <claus.gindhart@kontron.com>
Copyright (c) 2003 RENESAS TECHNOLOGY CORPORATION AND RENESAS SOLUTIONS CORPORATION All Rights Reserved.
Copyright (c) 2003 Pavel Machek
Copyright (c) 2003 Open Source Development Lab
Copyright (c) 2003 Nils-Erik Mattsson, Joacim Haggmark, Magnus Erixson
Copyright (c) 2003 Neil Brown <neilb@cse.unsw.edu.au>
Copyright (c) 2003 Michal Sojka.
Copyright (c) 2003 Matthias Brukner, Trajet GmbH
Copyright (c) 2003 Matt T. Yourst <yourst@yourst.com>
Copyright (c) 2003 Margit Schubert-While <margitsw@t-online.de>
Copyright (c) 2003 Manuel Estrada Sainz
Copyright (c) 2003 Kyle McMartin <kyle@debian.org>
Copyright (c) 2003 K.M. Liu <kmliu@sis.com>
Copyright (c) 2003 John Homppi.
Copyright (c) 2003 Joerg Heckenbach.
Copyright (c) 2003 Jim Hague (jim.hague@acm.org)
Copyright (c) 2002-2003 James Morris <jmorris@intercode.com.au>
Copyright (c) 2003 IBM Corp. Dave Engebretsen engebret@us.ibm.com Santiago Leon santil@us.ibm.com
Copyright (c) 2003 Hewlett-Packard Development Company LP.
Copyright (c) 2003 Hewlett-Packard Co Bjorn Helgaas <bjorn.helgaas@hp.com>
Copyright (c) 2003 Hans-Frieder Vogt <hfvogt@arcor.de>.
Copyright (c) 2001-2003 Greg Kroah-Hartman (greg@kroah.com)
Copyright (c) 2003 Felix Domke <tmbinc@elitedvb.net>
Copyright (c) 2003 Evgeniy Polyakov <johnpol@2ka.mxt.ru>
Copyright (c) 2003 Erik Thyren <erth7411@student.uu.se>
Copyright (c) 2003 Eric Wong <eric@yhbt.net>
Copyright (c) 2003 Dimitromanolakis Apostolos <apostol@cs.utoronto.ca>
Copyright (c) 2003 Digigram SA <alsa@digigram.com>
Copyright (c) 2003 David Borowski <david575@golden.net>
Copyright (c) 2003 Dave Engebretsen Will Schmidt willschm@us.ibm.com
Copyright (c) 2003 Dave Engebretsen <engebret@us.ibm.com>
Copyright (c) 2003 Daniele Bellucci
Copyright (c) 2003 Andi Kleen
Copyright (c) 2003 Adaptec Inc. 691 S. Milpitas Blvd., Milpitas CA 95035 USA. All rights reserved.
Copyright (c) 2003 ARM Limited. All rights reserved.
Copyright (c) 2003 ARM Limited, All Rights Reserved
Copyright (c) 2003 ARM Limited All Rights Reserved
Copyright (c) 2003 - 2007 Francois Romieu <romieu@fr.zoreil.com>
Copyright (c) 2002-5 Patrick Mochel

Copyright (c) 2001-2002 -3 Patrick Mochel
 Copyright (c) 2002-3 Open Source Development Labs
 Copyright (c) 2002-2011 Ping Cheng <pingc@wacom.com>
 Copyright (c) 2002-2009 Clemens Ladisch All rights reserved.
 Copyright (c) 2002-2011 Volkswagen Group Electronic Research All rights reserved.
 Copyright (c) 2002-2007 Volkswagen Group Electronic Research
 Copyright (c) 2002-2007 Sam Leffler, Errno Consulting All rights reserved.
 Copyright (c) 2002-2006, K Fraser
 Copyright (c) 2002-2005, Network Appliance, Inc. All rights reserved.
 Copyright (c) 2002-2005 Takashi Iwai.
 Copyright (c) 2002-2006 Sam Leffler, Errno Consulting
 Copyright (c) 2002-2005 Richard Russon
 Copyright (c) 2002-2005 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto, Takeo Takahashi, Mamoru Sakugawa
 Copyright (c) 2001-2005 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto, Mamoru Sakugawa, Naoto Sugai, Hayato Fujiwara
 Copyright (c) 2002-2004, K A Fraser, B Dragovic
 Copyright (c) 2002-2004 , Jouni Malinen
 Copyright (c) 2002-2004 by Karsten Wiese
 Copyright (c) 2002-2004 Martin Langer <martin-langer@gmx.de>, Pilo Chambert <pilo.c@wanadoo.fr>
 Copyright (c) 2002-2004 Johann Deneux
 Copyright (c) 2002-2004 Bryan W. Headley <bwhheadley@earthlink.net>
 Copyright (c) 2002-2004 Takeo Takahashi, Mamoru Sakugawa
 Copyright (c) 2002-2003,2006 Silicon Graphics, Inc. All Rights Reserved.
 Copyright (c) 2002-2003 TiVo Inc.
 Copyright (c) 2000-2003 Patrick Mochel
 Copyright (c) 2002-2004 Open Source Development Labs
 Copyright (c) 1996-2006 Vojtech Pavlik
 Copyright (c) 2002,2003,2004 Google, Inc. All rights reserved.
 Copyright (c) 2002,2003 by Takashi Iwai <tiwai@suse.de>
 Copyright (c) 2002,2003 Alexander Malysh <amalysh@web.de>
 Copyright (c) 2002, Dr Brian Gladman <brg@gladman.me.uk>, Worcester, UK. All rights reserved.
 , 2002-2013 Maciej W. Rozycki
 Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Phillip Lougher <phillip@squashfs.org.uk>
 Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Phillip Lougher <phillip@squashfs.org.uk>
 Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008 Phillip Lougher <phillip@squashfs.org.uk>
 Copyright (c) 2002, 2003, 2004 Paul Mundt <lethal@linux-sh.org>
 Copyright (c) 2002-2004 VIA Networking Technologies, Inc.
 Copyright (c) 2002, 2003 Tuukka Toivonen
 Copyright (c) 2002, 2003 Philip Pokorny <ppokorny@penguincomputing.com>
 Copyright (c) 2002, 2003 Gary Thomas (<gary@mlbassoc.com>
 Copyright (c) 2002 by Takashi Iwai <tiwai@suse.de>, Clemens Ladisch <clemens@ladisch.de>
 Copyright (c) 2002 by Jeff Mahoney, <jeffm@suse.com>
 Copyright (c) 2002 by David S. Miller <davem@redhat.com>
 Copyright (c) 2002 Vladimir Dergachev
 Copyright (c) 2002 Thiemo Seufer
 Copyright (c) 2002 Thibaut Varene <varenet@parisc-linux.org>
 Copyright (c) 2002 The Regents of the University of Michigan All Rights Reserved
 Copyright (c) 2002 ShuChen <shuchen@realtek.com.tw>
 Copyright (c) 2002 Rob Miller (rob@inpharmatica . co . uk)

Copyright (c) 2002 Richard Zidlicky
 Copyright (c) 2002 Petko Manolov (petkan@users.sourceforge.net)
 Copyright (c) 2002 Paul Mundt <lethal@chaoticdreams.org>
 Copyright (c) 2002 Paul Davis Marcus Andersson Thomas Charbonnel
 Copyright (c) 2002 Nokia Corp.
 Copyright (c) 2002 NEC Corp.
 Copyright (c) 2002 Monta Vista Software, Inc.
 Copyright (c) 2002 Martin Diehl, All Rights Reserved.
 Copyright (c) 2002 Martin Diehl, <mad@mdiehl.de>, All Rights Reserved.
 Copyright (c) 2002 Marko Friedemann <mfr@bmx-chemnitz.de> 2004 Oliver Schwartz
 <Oliver.Schwartz@gmx.de>, Steven Toth <steve@toth.demon.co.uk>, Franz Lehner
 <franz@caos.at>, Ivan Hawkes <blackhawk@ivanhawkes.com>
 Copyright (c) 2002 Mark D. Studebaker.
 Copyright (c) 2002 Mark D. Studebaker <mdsxyz123@yahoo.com> Aaron M. Marsh
 <amarsh@sdf.lonestar.org>
 Copyright (c) 2002 M. R. Brown
 Copyright (c) 2002 Kimio Suganuma <k-suganuma@da.jp.nec.com>
 Copyright (c) 2002 Kazunori Miyazawa <miyazawa@linux-ipv6.org> / USAGI
 Copyright (c) 2002 Joe Burks (jburks@wavicle.org), Chris Cheney (chris.cheney@gmail.com),
 Pavel Machek (pavel@ucw.cz), John Tyner (jtyner@cs.ucr.edu), Monroe Williams
 (monroe@pobox.com)
 Copyright (c) 2002 Jean-Francois Dive <jef@linuxbe.org>
 Copyright (c) 2002 Jean Tourrilhes
 Copyright (c) 2002 James Morris <jmorris@intercode.com.au> 2002 Adam J. Richter
 <adam@yggdrasil.com> 2004 Jean-Luc Cooke <jlcooke@certaintkey.com>
 Copyright (c) 2002 Holger Waechtler <holger@convergence.de>
 Copyright (c) 2002 Hitoshi Yamamoto, Hirokazu Takata
 Copyright (c) 2002 Hewlett-Packard Co/CERN Sverre Jarp <Sverre.Jarp@cern.ch>
 Copyright (c) 2002 Greg Ungerer <gerg@snapgear.com>
 Copyright (c) 2002 Felix Tang, All Rights Reserved.
 Copyright (c) 2000-2002 Eric Brower (ebrower@usa.net)
 Copyright (c) 2002 David S. Miller (davem@redhat.com)
 Copyright (c) 2002 Daniele Peri All Rights Reserved.
 Copyright (c) 2001-2002 Daniel Engstrom <5116@telia.com>
 Copyright (c) 2002 Convergence GmbH
 Copyright (c) 2002 Brian Bonnlander, Bill Soudan
 Copyright (c) 2002 Adam J. Richter <adam@yggdrasil.com>
 Copyright (c) 2002 ARM Limited.
 Copyright (c) 2002 - 2011 Tony Finch <dot@dotat.at>
 Copyright (c) 2002 - 2009 Adrian McMenamin
 Copyright (c) 2002 - 2004 Karsten Wiese
 Copyright (c) 2002 - 2003 Oliver Kurth
 Copyright (c) 2002 Takeo Takahashi
 Copyright (c) 2001-2015 Anton Altaparmakov and Tuxera Inc.
 Copyright (c) 2001-2013 ATTO Technology, Inc. mailto:linuxdrivers@attotech.com)
 Copyright (c) 2001-2013 ATTO Technology, Inc.
 Copyright (c) 1995-2007 , 2013-2014, Ericsson AB
 Copyright (c) 1996-2007 , 2012-2015, Ericsson AB
 Copyright (c) 1997-2007 Jean Tourrilhes, All Rights Reserved.
 Copyright (c) 2001-2007 Helge Deller <deller@gmx.de> All rights reserved.
 Copyright (c) 2001-2005 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto, Takeo
 Takahashi
 Copyright (c) 2001-2005 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto, Mamoru
 Sakugawa
 Copyright (c) 2001-2005 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto

Copyright (c) 2001-2005 Greg Ungerer (gerg@snapgear.com)
 Copyright (c) 2001-2005 Edouard TISSERANT <edouard.tisserant@wanadoo.fr>
 Copyright (c) 2001-2004 Ben Fennema <bfennema@falcon.csc.calpoly.edu> All rights reserved.
 Copyright (c) 2001-2003 Patrick Mochel <mochel@osdl.org>
 Copyright (c) 2001-2003 Martin Diehl
 Copyright (c) 2001-2003 International Business Machines, Corp.
 Copyright (c) 2001-2003 International Business Machines Corp.
 Copyright (c) 2001-2002, SSH Communications Security Corp and Jouni Malinen jkmaline@cc.hut.fi>
 Copyright (c) 2001-2002, SSH Communications Security Corp and Jouni Malinen j@w1.fi>
 Copyright (c) 2001-2002 , 2007 Johann Deneux <johann.deneux@gmail.com>
 Copyright (c) 2001-2002 PPC64 team, IBM.
 Copyright (c) 2001-2002 Nokia, Inc.
 Copyright (c) 2001-2002 Denis Oliver Kropp <dok@directfb.org> Sven Neumann <neo@directfb.org>
 Copyright (c) 2001,2002 Ryan Bradetich
 Copyright (c) 2001,2002 Richard Russon
 Copyright (c) 2001,2002 Christer Weinigel <wingel@nano-system.com>
 Copyright (c) 2001, Dr Brian Gladman ,Worcester, UK. All rights reserved.
 Copyright (c) 2001, Andy Ritger aritger@nvidia.com
 Copyright (c) 2001, 2d3D, Inc.
 Copyright (c) 2001, 2003, 2005, 2006 Maciej W. Rozycki
 Copyright (c) 2001, 2002, 2003, 2004 Hiroyuki Kondo, Naoto Sugai, Hayato Fujiwara
 Copyright (c) 2001, 2002, 2003 Ladislav Michl <ladis@linux-mips.org>
 Copyright (c) 2001, 2002, 2003 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto
 Copyright (c) 2001, 2002 by D-Link Corporation Written by Edward Peng.<edward_peng@dlink.com.tw>
 Copyright (c) 2001, 2002 M. R. Brown <mrbrown@linuxdc.org>
 Copyright (c) 2001, 2002 M. R. Brown <mrbrown@0xd6.org>
 Copyright (c) 2001, 2002 Hitoshi Yamamoto, and H. Kondo
 Copyright (c) 2001, 2002 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto .
 Copyright (c) 2001, 2002 Hiroyuki Kondo, Hirokazu Takata, Hitoshi Yamamoto
 Copyright (c) 2001, 2002 Hiroyuki Kondo
 Copyright (c) 2001, 2002 Hirokazu Takata, Hitoshi Yamamoto, H. Kondo
 Copyright (c) 2001, 2002 Daniel Engstrom
 Copyright (c) 2000-2003 Adaptec Inc. All rights reserved.
 Copyright (c) 2001 by Stefan Eilers, Hansjoerg Lipp <hjlipp@web.de>, Tilman Schmidt <tilman@imap.cc>.
 Copyright (c) 2001 by Stefan Eilers and Hansjoerg Lipp <hjlipp@web.de>.
 Copyright (c) 2001 by MontaVista Software, Inc.
 Copyright (c) 2001 by Jay Schulist <jschlst@samba.org> 2002-2003 by Arnaldo Carvalho de Melo <acme@conectiva.com.br>
 Copyright (c) 2001 by Jay Schulist <jschlst@samba.org>
 Copyright (c) 2001 by Jaroslav Kysela <perex@suse.cz>
 Copyright (c) 2001 by James.Bottomley@HansenPartnership.com
 Copyright (c) 2001 by Hansjoerg Lipp <hjlipp@web.de>, Tilman Schmidt <tilman@imap.cc>, Stefan Eilers.
 Copyright (c) 2001 Yaegashi Takeshi
 Copyright (c) 2001 Tony Luck <tony.luck@intel.com>
 Copyright (c) 2001 Thomas Gleixner (gleixner@autronix.de)
 Copyright (c) 2001 Stefani Seibold
 Copyright (c) 2001 SHIMIZU Takuya, All Rights Reserved.
 Copyright (c) 2001 Richard Russon <ntfs@flatcap.org>
 Copyright (c) 2001 Ralf Baechle

Copyright (c) 2001 Pete Zaitcev <zaitcev@redhat.com>
Copyright (c) 2001 Paul Stewart
Copyright (c) 2001 Matrox Graphics Inc.
Copyright (c) 2001 Martin Knoblauch <mkn@teraport.de, knobi@knobisoft.de>
Copyright (c) 2001 La Monte H.P. Yarroll
Copyright (c) 2001 Jean-Fredric Clere, Nikolas Zimmermann, Georg Acher Mark Cave-Ayland, Carlo E Prezl, Dick Streefland
Copyright (c) 2001 Haroldo Gamal <gamal@alternex.com.br>
Copyright (c) 2001 Frederic Lepied <flepiet@mandrakesoft.com>
Copyright (c) 2001 Denis Oliver Kropp <dok@convergence.de>
Copyright (c) 2001 David Paschal <paschal@rcsis.com>
Copyright (c) 2001-2001 David Howells (dhowells@redhat.com).
Copyright (c) 2001 Dave Engebretsen
Copyright (c) 2001 Cliff Brake, Accelent Systems Inc.
Copyright (c) 2001 Cliff Brake <cbrake@accelent.com>
Copyright (c) 2001 Chris Atenasio <chris@crud.net>
Copyright (c) 2001 Brian S. Julin All rights reserved.
Copyright (c) 2001 Benjamin Herrenschmidt <benh@kernel.crashing.org>
Copyright (c) 2001 Arndt Schoenewald
Copyright (c) 2000-2010 Adaptec, Inc. 2010 PMC-Sierra, Inc. (aacraid@pmc-sierra.com)
Copyright (c) 2000-2008 LSI Corporation. All rights reserved.
Copyright (c) 2000-2007, 2014-2015 Ericsson AB
Copyright (c) 2000-2007 PMC-Sierra INC.
Copyright (c) 2000-2004 Vojtech Pavlik <vojtech@ucw.cz>
Copyright (c) 1999-2004 Jean Tourrilhes <jt@hpl.hp.com> All Rights Reserved
Copyright (c) 2000-2004 Jaroslav Kysela <perex@perex.cz>, Takashi Iwai <tiwai@suse.de>
Copyright (c) 2000-2003 ,2005 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 2000-2003 ,2005 Silicon Graphics, Inc.
Copyright (c) 2000-2003 Jean Tourrilhes <jt@hpl.hp.com>
Copyright (c) 2000-2003 David McCullough <davidm@snapgear.com>
Copyright (c) 2000-2003 Conectiva, Inc. <acme@conectiva.com.br>..
Copyright (c) 2000-2002 Vojtech Pavlik <vojtech@ucw.cz>
Copyright (c) 2000-2002 Helge Deller, Matthew Wilcox
Copyright (c) 2000-2002 Ghoulane Toumi <gtoumi@laposte.net>
Copyright (c) 2000-2002 Alacritech, Inc. All rights reserved.
Copyright (c) 2000-2001, 2010, Code Aurora Forum. All rights reserved.
Copyright (c) 2000-2001 Thomas Marteau <marteaut@esiee.fr>
Copyright (c) 2000-2001 D Jeff Dionne <jeff@uclinux.org>
Copyright (c) 2000-2001 ConnectCom Solutions, Inc.
Copyright (c) 2000-2001 Christoph Hellwig. All rights reserved.
Copyright (c) 2000-2001 Lineo Inc.
Copyright (c) 2000-2001 Lineo Canada Corp.
Copyright (c) 2000,2002-2003,2005 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 2000,2002,2005 Silicon Graphics, Inc. All Rights Reserved.
Copyright (c) 2000,2002,2005 Silicon Graphics, Inc.
Copyright (c) 2000,2001 Ghoulane Toumi <gtoumi@messel.emse.fr>
Copyright (c) 2000,2001 Epson Research and Development, Inc. All rights reserved.
Copyright (c) 2000,1 Compaq Computer Corporation. (Author: Jamey Hicks)
Copyright (c) 2000, 2001, 2002, 2003, 2004 Broadcom Corporation
Copyright (c) 2000, 2001 Anders Torger <torgert@ludd.luth.se>
Copyright (c) 2000 by Zach Brown <zab@zabbo.net> Takashi Iwai <tiwai@suse.de>
Copyright (c) 2000 by Takashi Iwai <tiwai@suse.de>, Jaroslav Kysela <perex@perex.cz>
Copyright (c) 2000 by Silicon Graphics, Inc.
Copyright (c) 2000 by Abramo Bagnara <abramo@alsa-project.org>
Copyright (c) 2000 Xavier Debacker <debackex@esiee.fr>

Copyright (c) 2000 Vojtech Pavlik <vojtech@suse.cz>
 Copyright (c) 2000 Uros Bizjak <uros@kss-loka.si>
 Copyright (c) 2000 Sam Mosel <sam.mosel@computer.org>
 Copyright (c) 2000 Randy Dunlap <rdunlap@xenotime.net>
 Copyright (c) 2000 RP Internet.
 Copyright (c) 2000 Peter Denison <peterd@pnd-pc.demon.co.uk>
 Copyright (c) 2000 Nokia Research Center Tampere, FINLAND
 Copyright (c) 2000 Nils Faerber
 Copyright (c) 2000 MontaVista Software, Inc (source@mvista.com)
 Copyright (c) 2000 Mike Corrigan <mikejc@us.ibm.com>
 Copyright (c) 2000 Microsoft Corporation
 Copyright (c) 2000 Michael Leslie <mleslie@lineo.com>
 Copyright (c) 2000 Matt Sottek <msottek@quiknet.com>
 Copyright (c) 2000 Markus Demleitner <msdemlei@cl.uni-heidelberg.de>
 Copyright (c) 2000 Mark Fletcher.
 Copyright (c) 2000 Leung, All Rights Reserved.
 Copyright (c) 2000 Justin Cormack
 Copyright (c) 2000 Jeroen B. Vreeken (pe1rxq@amsat.org)
 Copyright (c) 2000 Jaroslav Kysela <perex@perex.cz> Tjeerd.Mulder <Tjeerd.Mulder@fujitsu-siemens.com>
 Copyright (c) 2002 Takashi Iwai <tiwai@suse.de>
 Copyright (c) 2000 Jaroslav Kysela <perex@perex.cz> 2002 James Stafford <jstafford@ampltd.com>
 Copyright (c) 2003 Takashi Iwai <tiwai@suse.de>
 Copyright (c) 2000 James E. Blair <corvus@gnu.org>
 Copyright (c) 2000 Guillaume Delvit.
 Copyright (c) 2000 Gerd Knorr <kraxel@goldbach.in-berlin.de>
 Copyright (c) 2000 Frodo Looijaard <frodol@dds.nl>, Philip Edelbrock <phil@netroedge.com>, Mark D. Stuebaker <mdsxyz123@yahoo.com>, Dan Eaton <dan.eaton@rocketlogix.com> and Stephen Rousset <stephen.rou>
 Copyright (c) 2000 Ericsson Radio Systems AB.
 Copyright (c) 2000 Eric Sandeen <eric_sandeen@bigfoot.com>
 Copyright (c) 2000 Eicon Technology Corporation
 Copyright (c) 2000 Eicon Networks
 Copyright (c) 2000 Daniel Egger <egger@suse.de>
 Copyright (c) 2000 Clifford Wolf <clifford@clifford.at>
 Copyright (c) 2000 Benjamin Kong <benjamin_kong@ali.com.tw> All Rights Reserved
 Copyright (c) 2000 Ani Joshi <ajoshi@kernel.crashing.org>
 Copyright (c) 2000 Andreas Bach Aen <abach@stofanet.dk>
 Copyright (c) 2000 ATecoM GmbH
 Copyright (c) 2000 Linus Torvalds & authors
 Copyright (c) 1999-2015 Tensilica Inc.
 Copyright (c) 1999-2015 Cadence Design Systems Inc.
 Copyright (c) 1999-2013 Petko Manolov (petkan@nucleusys.com)
 Copyright (c) 1999-2008 LSI Corporation mailto:DL-MPTFusionLinux@lsi.com)
 Copyright (c) 1999-2007 Joerg Heckenbach <joerg@heckenbach-aw.de> Dwaine Garden <dwainegarden@rogers.com>
 Copyright (c) 1999-2006 Mark W. McClelland
 Copyright (c) 1999-2005, Mellanox Technologies, Inc. All rights reserved.
 Copyright (c) 1999-2005 Joerg Heckenbach <joerg@heckenbach-aw.de>
 Copyright (c) 1999-2005 Igor Pavlov
 Copyright (c) 1999-2004 Geert Uytterhoeven <geert@linux-m68k.org>
 Copyright (c) 1999-2002 Transmeta Corporation
 Copyright (c) 1999-2002 Merlin Hughes <merlin@merlin.org>
 Copyright (c) 1999-2002 Matthew Dharm (mdharm-usb@one-eyed-alien.net)
 Copyright (c) 1999-2002 Emagic as an unpublished work.
 Copyright (c) 1999-2001 Paul Davis

Copyright (c) 1999-2001 Motorola, Inc.
 Copyright (c) 1999-2001 Dan Malek <dan@embeddedalley.com>
 Copyright (c) 1998-2001 Dag Brattli
 Copyright (c) 1999-2000, Dag Brattli <dagb@cs.uit.no>
 Copyright (c) 1999-2008 by Takashi Iwai <tiwai@suse.de>
 Copyright (c) 1999-2000 Takashi Iwai <tiwai@suse.de>
 Copyright (c) 1999-2000 Philipp Rumpf <prumpf@tux.org>
 Copyright (c) 1999-2000 Maksim Yevmenkin <m_evmenkin@yahoo.com>
 Copyright (c) 1997-2000 Dag Brattli, All Rights Reserved.
 Copyright (c) 1999-2000 Cisco, Inc.
 Copyright (c) 1998-2001 by Jaroslav Kysela.
 Copyright (c) 1999,2001 D. Jeff Dionne <jeff@lineo.ca>.
 Copyright (c) 1999,2000,2001 Motorola
 Copyright (c) 1999 by Uros Bizjak <uros@kss-loka.si> Takashi Iwai <tiwai@suse.de>
 Copyright (c) 1999 by Jaroslav Kysela <perex@perex.cz> Uros Bizjak <uros@kss-loka.si>
 Copyright (c) 1999 Ulf Carlsson <ulfc@bun.falkenberg.se>
 Copyright (c) 1999 The Puffin Group
 Copyright (c) 1999 Peter Danielsson
 Copyright (c) 1999 Pavel Machek <pavel@ucw.cz>
 Copyright (c) 1999 Michael Gee <michael@linuxspecific.com>
 Copyright (c) 1999 Martin Mares <mj@ucw.cz>
 Copyright (c) 1999 Johannes Erdfelt <johannes@erdfelt.com>
 Copyright (c) 1999 James McKenzie, All Rights Reserved.
 Copyright (c) 1999 Jakub Jelinek (jakub@redhat.com)
 Copyright (c) 1999 ITConsult-Pro Co. <info@itc.hu>
 Copyright (c) 1999 IEM - Winfried Ritsch
 Copyright (c) 1999 Grant Erickson <grant@lcse.umn.edu>
 Copyright (c) 1999 Frodo Looijaard <frodol@dds.nl> and Philip Edelbrock
 <phil@netroedge.com> and Mark D. Studebaker <mdsxyz123@yahoo.com>
 Copyright (c) 1997-1999 Dan Malek (dmalek@jlc.net)
 Copyright (c) 1999 Dag Brattli, <dagb@cs.uit.no>
 Copyright (c) 1999 Colin Van Dyke
 Copyright (c) 1999 Brian Gerst
 Copyright (c) 1999 Armin Fuerst <fuerst@in.tum.de>
 Copyright (c) 1999 Andreas Gal
 Copyright (c) 1999 Algorithmics Ltd
 Copyright (c) 1999 Alexander Larsson <alex@cendio.se>
 Copyright (c) 1999 Alex deVries <alex@onefishtwo.ca>
 Copyright (c) 1999 Al Smith
 Copyright (c) 1998-2011 Texas Instruments Incorporated
 Copyright (c) 1998-2007 InnoSys Incorporated. All Rights Reserved
 Copyright (c) 1998-2005 IBM Corporation
 Copyright (c) 1998-2003 VIA Technologies, Inc.
 Copyright (c) 1998-2002 by Paul Davis <pbd@op.net>
 Copyright (c) 1998-2001 by Frank van de Pol <fvdpol@coil.demon.nl> Jaroslav Kysela
 <perex@perex.cz> Takashi Iwai <tiwai@suse.de>
 Copyright (c) 1998-2000 Ilario Nardinocchi (nardinoc@CS.UniBO.IT)
 Copyright (c) 1998-2000 Harald Koerfgen
 Copyright (c) 1997-2000 Dag Brattli <dagb@cs.uit.no>, All Rights Reserved.
 Copyright (c) 1998-2000 Dag Brattli <dagb@cs.uit.no>
 Copyright (c) 1998-2000 Dag Brattli <dag@brattli.net>
 Copyright (c) 1998-2000 Bruce Kalk <kall@compass.com>
 Copyright (c) 1998-2000 Andre Hedrick <andre@linux-ide.org>
 Copyright (c) 1998-1999, Thomas Davis (tadavis@jps.net) All Rights Reserved

Copyright (c) 1998-1999 by Frank van de Pol <fvdpol@coil.demon.nl> Jaroslav Kysela <perex@perex.cz>
 Copyright (c) 1998-1999 by Frank van de Pol <fvdpol@coil.demon.nl>
 Copyright (c) 1998-1999 TiVo, Inc.
 Copyright (c) 1998-1999 Rebel.com
 Copyright (c) 1998-1999 David Huggins-Daines.
 Copyright (c) 1998-1999 David Huggins-Daines / Roman Zippel.
 Copyright (c) 1998-1999 Dag Brattli <dagb@cs.uit.no> All Rights Reserved.
 Copyright (c) 1998,1999 by Takashi Iwai.
 Copyright (c) 1998, 1999 Kyösti Mälkki <kmalkki@cc.hut.fi>
 Copyright (c) 1998, 1999 Jens Axboe <axboe@image.dk>
 Copyright (c) 1998, 1999 Frodo Looijaard <frodol@dds.nl>
 Copyright (c) 1998 by Frank van de Pol <fvdpol@coil.demon.nl> Jaroslav Kysela <perex@perex.cz> 2000 by Takashi Iwai <tiwai@suse.de>
 Copyright (c) 1998 Thomas Davis, <ratbert@radiks.net>,
 Copyright (c) 1998 Thomas Davis <ratbert@radiks.net> All Rights Reserved.
 Copyright (c) 1998 Phil Blundell <pb@nexus.co.uk>
 Copyright (c) 1998 Michael Zucchi, All Rights Reserved.
 Copyright (c) 1998 Lichen Wang, <lwang@actisys.com>
 Copyright (c) 1998 Corey Thomas (corey@world.std.com)
 Copyright (c) 1998 Bas Vermeulen <bvermeul@blackstar.xs4all.nl>
 Copyright (c) 1998 Actisys Corp., All Rights Reserved
 Copyright (c) 1998 - 2004 Echo Digital Audio Corporation. All rights reserved.
 Copyright (c) 1998 - 2002 Frodo Looijaard <frodol@dds.nl>, Philip Edelbrock <phil@netroedge.com>, and Mark D. Studebaker mdsxyz123@yahoo.com>
 Copyright (c) 1998 - 2002 Frodo Looijaard <frodol@dds.nl>, Philip Edelbrock <phil@netroedge.com>, Kyösti Mälkki <kmalkki@cc.hut.fi>, Mark D. Studebaker <mdsxyz123@yahoo.com>
 Copyright (c) 1998 - 2002 Frodo Looijaard <frodol@dds.nl>, Kyösti Mälkki <kmalkki@cc.hut.fi>, Mark Studebaker <mdsxyz123@yahoo.com>, and Bob Dougherty <bobd@stanford.edu>
 Copyright (c) 1997-2000 LAN Media Corporation (LMC) All rights reserved.
 Copyright (c) 1997-1999 by Paul Barton-Davis <pbd@op.net>
 Copyright (c) 1997-1999 Yamaha Corporation. All Rights Reserved.
 Copyright (c) 1997-1999 Doug Ledford
 Copyright (c) 1997-1999 Carnegie Mellon University. All Rights Reserved.
 Copyright (c) 1997--1999 Martin Mares <mj@ucw.cz>
 Copyright (c) 1997,1998 Werner Koch (dd9jn)
 , 1998-2000 Dag Brattli <dagb@cs.uit.no>, All Rights Reserved.
 Copyright (c) 1997, 1999 by Ralf Baechle
 Copyright (c) 1997, 1998, 2000, 2001 Justin T. Gibbs.
 Copyright (c) 1997, 1998-2000 Justin T. Gibbs.
 Copyright (c) 1997, 1998, 1999-2000 Dag Brattli, All Rights Reserved.
 Copyright (c) 1997, 1998 Martin Mares <mj@atrey.karlin.mff.cuni.cz>
 Copyright (c) 1997, 1998 Kenneth D. Merry. All rights reserved.
 Copyright (c) 1997, 1998 Erik Andersen <andersee@debian.org>
 Copyright (c) 1997 by Procom Technology, Inc. 2001-2003 by Arnaldo Carvalho de Melo <acme@conectiva.com.br>
 Copyright (c) 1997 by Procom Technology, Inc. 2001 by Arnaldo Carvalho de Melo <acme@conectiva.com.br>
 Copyright (c) 1997 by Procom Technology, Inc. 2001-2003 by Arnaldo Carvalho de Melo <acme@conectiva.com.br>
 Copyright (c) 1997 by Procom Technology, Inc. 2001, 2002 by Arnaldo Carvalho de Melo <acme@conectiva.com.br>
 Copyright (c) 1997 Nicolas Pitre <nico@cam.org>
 Copyright (c) 1997 Dan error_act (dmalek@jlc.net)

Copyright (c) 1997 Dan Malek <dmalek@jlc.net> PowerPC 8xx modifications.
 Copyright (c) 1997-1997 Dan Malek <dmalek@jlc.net>
 Copyright (c) 1997 Carnegie-Mellon University
 Copyright (c) 1997 C. Scott Ananian <cananian@alumni.priceton.edu>
 Copyright (c) 1997 Alan Cox
 Copyright (c) 1996-2004 Russell King.
 Copyright (c) 1996-2001, PostgreSQL Global Development Group.
 Copyright (c) 1996-2001 Jonathan A. Buzzard (jonathan@buzzard.org.uk)
 Copyright (c) 1996-1999 Distributed Processing Technology Corporation All rights reserved.
 Copyright (c) 1996, 2003 VIA Networking Technologies, Inc. All rights reserved.
 Copyright (c) 1996, 1998, 1999, 2004 by Ralf Baechle
 Copyright (c) 1996 University of Cambridge Computer Laboratory
 Copyright (c) 1996 Roman Zippel
 Copyright (c) 1996-1996 Paul Mackerras <paulus@cs.anu.edu.au>
 Copyright (c) 1996 John Shifflett, GeoLog Consulting john@geolog.com jshiffle@netcom.com
 Copyright (c) 1996 Ingo Molnar
 Copyright (c) 1996 Cort Dougan <cort@cs.nmt.edu>
 Copyright (c) 1996 Brian Buhrow <buhrow@lothlorien.nfbcal.org>
 Copyright (c) 1995-2001,2004 Silicon Graphics, Inc. All Rights Reserved.
 Copyright (c) 1995-2000 Advanced System Products, Inc.
 Copyright (c) 1995-1996 Gary Thomas <gdt@linuxppc.org> Initial PowerPC version.
 Copyright (c) 1995,2001 Compaq Computer Corporation
 Copyright (c) 1995,1996 Bradford W. Johnson <johns393@maroon.tc.umn.edu>
 Copyright (c) 1995, 1996 Daniel M. Eischen All rights reserved.
 Copyright (c) 1995 Ted Lemon.
 Copyright (c) 1995 Markus Kuhn.
 Copyright (c) 1995 Caldera, Inc. <greg@caldera.com>
 Copyright (c) 1995 - 2000 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden. All rights reserved.
 Copyright (c) 1994-98 by Jaroslav Kysela <perex@perex.cz>, 4Front Technologies
 Copyright (c) 1994-2003 by Jaroslav Kysela <perex@perex.cz>, Abramo Bagnara <abramo@alsa-project.org>
 Copyright (c) 1994-2002 Justin T. Gibbs.
 Copyright (c) 1994-2001, 2004 Justin T. Gibbs.
 Copyright (c) 1994-2008 by Jaroslav Kysela <perex@perex.cz>
 Copyright (c) 1994-1998, 2000, 2001 Justin T. Gibbs. All rights reserved.
 Copyright (c) 1994-1998 Initio Corporation All rights reserved.
 Copyright (c) 1994-1998 Initio Corporation
 Copyright (c) 1994, 1995, 2000 Justin T. Gibbs. All rights reserved.
 Copyright (c) 1994 John Aycock The University of Calgary Department of Computer Science.
 Copyright (c) 1994 Creative Technology Ltd.
 Copyright (c) 1994 Alan Modra
 Copyright (c) 1993, 2000 Joerg Reuter DL1BKE
 Copyright (c) 1993, 1994 Motorola Inc. All rights reserved.
 Copyright (c) 1992-1999,2001-2005 Silicon Graphics, Inc. All rights reserved.
 Copyright (c) 1992 Orest Zborowski
 Copyright (c) 1991,1992,1995 Linus Torvalds
 Copyright (c) 1985-1993 The Regents of the University of California. All rights reserved.
 Copyright (c) 1989 Regents of the University of California. All rights reserved.
 Copyright (c) 1987-1999 Carnegie Mellon University All Rights Reserved
 Copyright (c) 1987-1999 Carnegie Mellon University
 Copyright (c) (2005-2007) Imagination Technologies Limited.
 Copyright (c) <2013-2014> Linaro Ltd.
 Copyright (c) <2011-2014> HiSilicon Technologies Co., Ltd.
 Copyright (Computer Programs) Regulations 1992 (S.I. 1992 No.3233).

.ibm.com>, IBM Corporation. 2005-2007 .
Copyright (C)2007,2008 USAGI/WIDE Project YOSHIFUJI Hideaki <yoshfuji@linux-ipv6.org>
Copyright (C)2007 USAGI/WIDE Project, All Rights Reserved.
Copyright (C) 2002-2007 USAGI/WIDE Project
Copyright (C) 2004-2015 Freescale Semiconductor, Inc. All Rights Reserved.
Copyright (C)2003-2006 Helsinki University of Technology
Copyright (C)1993 Acculogic, Inc.1993
Copyright (C)' 2000 Geert Uytterhoeven <geert@linux-m68k.org>
Copyright (C) linwizard.sourceforge.net Author: Angelo Arrifano <miknix@gmail.com>
Copyright (C) by Roland Klabunde <R.Klabunde@Berkom.de>
Copyright (C) by Paul Laufer 2002.
Copyright (C) by Karsten Keil <keil@isdn4linux.de>
Copyright (C) by Hannu Savolainen, Rob Hooft 1993-1996
Copyright (C) by Hannu Savolainen 1993-1997
Copyright (C) The Weather Channel, Inc. 2002. All Rights Reserved.
Copyright (C) TOSHIBA CORPORATION 2000-2001, 2004-2007
Copyright (C) Sun Microsystems 2008
Copyright (C) Sistina Software, Inc. 1997-2003 All rights reserved.
Copyright (C) Semihalf 2009
Copyright (C) Secret Lab Technologies Ltd. 2006. All rights reserved.
Copyright (C) Sam Ravnborg <sam@mars.ravnborg.org>, 2015
Copyright (C) STRATO AG 2011-2012 . All rights reserved.
Copyright (C) STMicroelectronics SA 2015 Authors: Arnaud Pouliquen
<arnaud.pouliquen@st.com>.
Copyright (C) STMicroelectronics SA 2014 Authors: Vincent Abriou <vincent.abriou@st.com>
Fabien Dessenne <fabien.dessenne@st.com>
Copyright (C) STMicroelectronics SA 2014 Authors: Fabien Dessenne
<fabien.dessenne@st.com>.
Copyright (C) STMicroelectronics SA 2014 Authors: Benjamin Gaignard
<benjamin.gaignard@st.com> Vincent Abriou <vincent.abriou@st.com> for STMicroelectronics.
Copyright (C) STMicroelectronics SA 2014 Authors: Benjamin Gaignard
<benjamin.gaignard@st.com> Fabien Dessenne <fabien.dessenne@st.com> for
STMicroelectronics.
Copyright (C) STMicroelectronics SA 2014 Authors: Benjamin Gaignard
<benjamin.gaignard@st.com> Fabien Dessenne <fabien.dessenne@st.com> Vincent Abriou
<vincent.abriou@st.com> for STMicroelectronics.
Copyright (C) STMicroelectronics SA 2014 Author: Fabien Dessenne
<fabien.dessenne@st.com> for STMicroelectronics.
Copyright (C) STMicroelectronics SA 2014 Author: Benjamin Gaignard
<benjamin.gaignard@st.com> for STMicroelectronics.
Copyright (C) STMicroelectronics SA 2013 Authors: Vincent Abriou <vincent.abriou@st.com>
for STMicroelectronics.
Copyright (C) STMicroelectronics 2009
Copyright (C) ST-Microelectronics SA 2013 Author: Maxime Coquelin
<maxime.coquelin@st.com> for ST-Microelectronics.
Copyright (C) ST-Ericsson SA 2013 Author: Gabriel Fernandez <gabriel.fernandez@st.com> for
ST-Ericsson.
Copyright (C) ST-Ericsson SA 2013
Copyright (C) ST-Ericsson SA 2012 Author: Johan Gardsmark
<johan.gardsmark@stericsson.com> for ST-Ericsson.
Copyright (C) ST-Ericsson SA 2012
Copyright (C) ST-Ericsson SA 2011-2013
Copyright (C) ST-Ericsson SA 2011 Author: Lee Jones <lee.jones@linaro.org> for ST-Ericsson.
Copyright (C) ST-Ericsson SA 2011

Copyright (C) ST-Ericsson SA 2010-2013 Author: Rickard Andersson
 <rickard.andersson@stericsson.com> for ST-Ericsson. Author: Daniel Lezcano
 <daniel.lezcano@linaro.org> for Linaro. Author: Ulf Hansson <ulf.hansson@linaro.org> for
 Linaro.

Copyright (C) ST-Ericsson SA 2010-2013 Author: Rickard Andersson
 <rickard.andersson@stericsson.com> for ST-Ericsson. Author: Daniel Lezcano
 <daniel.lezcano@linaro.org> for Linaro.

Copyright (C) ST-Ericsson SA 2010-2012

Copyright (C) ST-Ericsson SA 2010, Shujuan Chen <shujuan.chen@stericsson.com> Jonas
 Linde <jonas.linde@stericsson.com> Niklas Hernaeus <niklas.hernaeus@stericsson.com>
 Joakim Bech <joakim.xx.bech@stericsson.com>

Copyright (C) ST-Ericsson SA 2010 Author: shujuan.chen@stericsson.com.

Copyright (C) ST-Ericsson SA 2010 Author: Shujuan Chen (shujuan.chen@stericsson.com),
 Joakim Bech (joakim.xx.bech@stericsson.com), Berne Hebark (berne.hebark@stericsson.com))

Copyright (C) ST-Ericsson SA 2010 Author: Shujuan Chen <shujuan.chen@stericsson.com>
 Jonas Linde <jonas.linde@stericsson.com> Joakim Bech <joakim.xx.bech@stericsson.com>
 Berne Hebark <berne.hebark@stericsson.com>

Copyright (C) ST-Ericsson SA 2010 Author: Shujuan Chen <shujuan.chen@stericsson.com>
 Joakim Bech <joakim.xx.bech@stericsson.com> Berne Hebark
 <berne.hebark@stericsson.com> Niklas Hernaeus <niklas.hernaeus@stericsson.com>

Copyright (C) ST-Ericsson SA 2010 Author: Naveen Kumar G
 <naveen.gaddipati@stericsson.com>

Copyright (C) ST-Ericsson SA 2010 Author: Mattias Nilsson
 <mattias.i.nilsson@stericsson.com> for ST Ericsson.

Copyright (C) ST-Ericsson SA 2010

Copyright (C) ST-Ericsson SA 2007-2010 Author: Per Forlin <per.forlin@stericsson.com> for
 ST-Ericsson Author: Jonas Aaberg <jonas.aberg@stericsson.com>

Copyright (C) ST-Ericsson SA 2007-2010 Author: Per Friden <per.friden@stericsson.com> for
 ST-Ericsson SA Author: Jonas Aaberg <jonas.aberg@stericsson.com> for ST-Ericsson SA.

Copyright (C) ST-Ericsson AB 2013 Authors: Vicram Arv Dmitry Tarnyagin
 <dmitry.tarnyagin@lockless.no> Sjur Brændeland.

Copyright (C) ST-Ericsson AB 2012 Author: Sjur Brændeland
 <sjur.brandeland@stericsson.com>

Copyright (C) ST-Ericsson AB 2012

Copyright (C) ST-Ericsson AB 2010-2011 Author: Sjur Brændeland.

Copyright (C) ST-Ericsson AB 2010 Authors: Sjur Brændeland Daniel Martensson.

Copyright (C) ST-Ericsson AB 2010 Author: Daniel Martensson Dmitry.Tarnyagin /
 dmitry.tarnyagin@lockless.

Copyright (C) ST-Ericsson AB 2010 Author: Daniel Martensson /
 daniel.martensson@stericsson.com Dmitry.Tarnyagin / dmitry.tarnyagin@stericsson.com.

Copyright (C) ST-Ericsson AB 2010 Author: Daniel Martensson

Copyright (C) ST-Ericsson AB 2010 Author: Daniel Martensson /
 Daniel.Martensson@stericsson.com.

Copyright (C) ST-Ericsson 2013 Author: Hongbo Zhang <hongbo.zhang@linaro.com>

Copyright (C) ST-Ericsson 2010-2012 Contact: Alexey Orishko
 <alexey.orishko@stericsson.com> Original author: Hans Petter Selasky
 <hans.petter.selasky@stericsson.com>

Copyright (C) ST-Ericsson 2010-2012

Copyright (C) ST-Ericsson 2010 - 2013, Author: Martin Persson
 <martin.persson@stericsson.com> Hongbo Zhang <hongbo.zhang@linaro.com>

Copyright (C) ST-Ericsson 2010 - 2013 Author: Martin Persson
 <martin.persson@stericsson.com> Hongbo Zhang <hongbo.zhang@linaro.org>

Copyright (C) ST-Ericsson 2007-2010 , Per Friden <per.friden@stericsson.com> Author: Jonas
 Aaberg <jonas.aberg@stericsson.com>

Copyright (C) ST Microelectronics SA 2011

Copyright (C) Rusty Russell IBM Corporation 2013.
Copyright (C) Riccardo Facchetti 1995-98.
Copyright (C) Red Hat, Inc., 2011 Author(s): Steve French (sfrench@us.ibm.com)
Copyright (C) Red Hat Inc., 2014. All rights reserved. Authors: Vivek Goyal
<vgoyal@redhat.com>
Copyright (C) Peter T. Breuer (ptb@ot.uc3m.es) 2003
Copyright (C) Peter Maydell 05/1998 <pmaydell@chiark.greenend.org.uk>
Copyright (C) Paul Mackerras 2005. All Rights Reserved.
Copyright (C) Paul Mackerras 1997.
Copyright (C) Overkiz SAS 2012
Copyright (C) Nokia Corporation Author: Matti Aaltonen <matti.j.aaltonen@nokia.com>
Copyright (C) NEC Electronics Corporation 2004-2006
Copyright (C) Motorola, Inc. 1990 All Rights Reserved
Copyright (C) MontaVista Software, Inc. Vitaly Bordug <vbordug@ru.mvista.com>
Copyright (C) MontaVista Software, Inc.
Copyright (C) MontaVista Software Inc.
Copyright (C) Mike Christie, 2004 - 2006
Copyright (C) Mike Christie, 2004 - 2005
Copyright (C) Miguel Ojeda Sandonis Date: 2006-10-31
Copyright (C) Matt Helsley, IBM Corp. 2005 Based on cn_fork.h by Nguyen Anh Quynh and
Guillaume Thouvenin
Copyright (C) Matt Helsley, IBM Corp. 2005 Guillaume Thouvenin
<guillaume.thouvenin@bull.net>
Copyright (C) Linus Torvalds, 1991, 1992
Copyright (C) Linus Torvalds <torvalds@linux-foundation.org>, 2015
Copyright (C) Linaro 2012 Author: <benjamin.gaignard@linaro.org> for ST-Ericsson.
Copyright (C) June 1999 James Simmons
Copyright (C) Johannes Schindelin, 2005
Copyright (C) Jaroslav Kysela <perex@perex.cz>
Copyright (C) International Business Machines Corp., 2002-2013 Etersoft, 2012 Author(s):
Steve French (sfrench@us.ibm.com) Pavel Shilovsky (pshilovsky@samba.org) 2012
Copyright (C) International Business Machines Corp., 2002-2013 Author(s): Steve French
(sfrench@us.ibm.com)
Copyright (C) International Business Machines Corp., 2008 Author(s): Igor Mammedov
(niallain@gmail.com) Steve French (sfrench@us.ibm.com)
Copyright (C) International Business Machines Corp., 2004, 2008
Copyright (C) International Business Machines Corp., 2000-2002 -2004
Copyright (C) International Business Machines Corp., 2002-2010 Author(s): Steve French
(sfrench@us.ibm.com) Jeremy Allison (jra@samba.org)
Copyright (C) International Business Machines Corp., 2002, 2011 Etersoft, 2012 Author(s):
Steve French (sfrench@us.ibm.com) Jeremy Allison (jra@samba.org) Pavel Shilovsky
(pshilovsky@samba.org) 2012
Copyright (C) International Business Machines Corp., 2002, 2011 Etersoft, 2012 Author(s):
Pavel Shilovsky (pshilovsky@samba.org), Steve French (sfrench@us.ibm.com)
Copyright (C) International Business Machines Corp., 2002, 2011 Author(s): Steve French
(sfrench@us.ibm.com), Pavel Shilovsky ((pshilovsky@samba.org) 2012
Copyright (C) International Business Machines Corp., 2000-2005
Copyright (C) International Business Machines Corp., 2000-2002
Copyright (C) International Business Machines Corp., 2000,2005
Copyright (C) Intel 2011
Copyright (C) Ilya Yanok, Emcraft Systems 2010
Copyright (C) IBM Deutschland Entwicklung GmbH 2005
Copyright (C) IBM Corporation, 2014
Copyright (C) IBM Corporation, 2013
Copyright (C) IBM Corporation, 2012

Copyright (C) IBM Corporation, 2011-2015
 Copyright (C) IBM Corporation, 2011
 Copyright (C) IBM Corporation, 2010-2012 Author: Srikar Dronamraju
 <srikar@linux.vnet.ibm.com>
 Copyright (C) IBM Corporation, 2010-2011 Author: Srikar Dronamraju
 Copyright (C) IBM Corporation, 2010
 Copyright (C) IBM Corporation, 2009 Thanks to Thomas Gleixner for conceptual design and
 careful reviews.
 Copyright (C) IBM Corporation, 2009
 Copyright (C) IBM Corporation, 2008-2012 Authors: Srikar Dronamraju Jim Keniston
 Copyright (C) IBM Corporation, 2008
 Copyright (C) IBM Corporation, 2006
 Copyright (C) IBM Corporation, 2005, 2006
 Copyright (C) IBM Corporation, 2005 Jeff Muizelaar, 2006, 2007 Pekka Paalanen, 2008
 <pq@iki.fi>
 Copyright (C) IBM Corporation, 2004. All rights reserved.
 Copyright (C) IBM Corporation, 2004
 Copyright (C) IBM Corporation, 2003, 2010
 Copyright (C) IBM Corporation, 2002, 2004, 2009
 Copyright (C) IBM Corporation, 2002, 2004
 Copyright (C) IBM Corp. 2003, 2015 Author(s): Thomas Spatzier Jan Glauber
 (jan.glauber@de.ibm.com) Harald Freudenberger (freude@de.ibm.com)
 Copyright (C) IBM Corp. 1999-2007 Author(s): Ingo Adlung <adlung@de.ibm.com> Cornelia
 Huck <cornelia.huck@de.ibm.com> Arnd Bergmann <arndb@de.ibm.com> Peter Oberparleiter
 <peter.oberparleiter@de.ibm.com>
 Copyright (C) IBM Corp. 2002, 2003 Author(s): Arnd Bergmann (arndb@de.ibm.com) Martin
 Schwidefsky (schwidefsky@de.ibm.com)
 Copyright (C) IBM Corp. 2001-2009 Authors: Malcolm Beattie <beattiem@uk.ibm.com> Michael
 Holzheu <holzheu@de.ibm.com> Frank Munzert <munzert@de.ibm.com>
 Copyright (C) IBM Corp. 2001, 2009 Author(s): Ulrich Weigand <Ulrich.Weigand@de.ibm.com>,
 Martin Schwidefsky <schwidefsky@de.ibm.com>,
 Copyright (C) IBM Corp. 2001, 2009 Author(s): Stefan Bader <shbader@de.ibm.com> Michael
 Holzheu <holzheu@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com>
 Copyright (C) IBM Corp. 2001, 2009 Author(s): Carsten Otte <cotte@de.ibm.com> Tuan Ngo-
 Anh <ngoanh@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com> Stefan Bader
 <shbader@de.ibm.com>
 Copyright (C) IBM Corp. 2001, 2009 Author(s): Carsten Otte <cotte@de.ibm.com> Michael
 Holzheu <holzheu@de.ibm.com> Tuan Ngo-Anh <ngoanh@de.ibm.com> Martin Schwidefsky
 <schwidefsky@de.ibm.com> Stefan Bader <shbader@de.ibm.com>
 Copyright (C) IBM Corp. 2001 Author(s): Carsten Otte <cotte@de.ibm.com> Michael Holzheu
 <holzheu@de.ibm.com> Tuan Ngo-Anh <ngoanh@de.ibm.com>
 Copyright (C) IBM Corp. 1999, 2009 Author(s): Martin Peschke <mpeschke@de.ibm.com>
 Martin Schwidefsky <schwidefsky@de.ibm.com>
 Copyright (C) IBM Corp. 1999, 2004 Author(s): Martin Schwidefsky
 <schwidefsky@de.ibm.com> Peter Oberparleiter <peter.oberparleiter@de.ibm.com>
 Copyright (C) IBM Corp 2003, 2010 Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>
 Copyright (C) Hitachi Ltd., 2015 Written by Hiraku Toyooka <hiraku.toyooka.gu@hitachi.com>
 Copyright (C) Hannu Savolainen 1993-1997.
 Copyright (C) Greg Lonnon 2001.
 Copyright (C) Fuzhou Rockchip Electronics Co.Ltd Author:Mark Yao <mark.yao@rock-
 chips.com>
 Copyright (C) Fujitsu, 2012
 Copyright (C) Freescale Semicondutor, Inc. 2007, 2008.
 Copyright (C) Freescale Semiconductor, Inc. 2006. All rights reserved.
 Copyright (C) Ericsson AB 2007-2008

Copyright (C) Dmitry Yusupov, 2004 - 2005
 Copyright (C) Copyright IBM Corp. 2001, 2004
 Copyright (C) Christoph Hellwig, 2001-2002
 Copyright (C) Christoph Hellwig 2007
 Copyright (C) Chandra Seetharaman, IBM Corp. 2007
 Copyright (C) BitBox Ltd 2010
 Copyright (C) Barak A. Pearlmutter.
 Copyright (C) Ashok Raj<ashok.raj@intel.com>, Intel Corporation 2004
 Copyright (C) April 2007 Antonino Daplas <adaplas@pol.net>
 Copyright (C) Andrew Bartlett <abartlet@samba.org> 2002-2003 Modified by Steve French
 (sfrench@us.ibm.com) 2002-2003
 Copyright (C) Andreas Gruenbacher, 2001
 Copyright (C) Andreas Eversberg (jolly@eversberg.eu)
 Copyright (C) Andrea Merello 2004-2005 <andrea.merello@gmail.com>
 Copyright (C) Analog Device Inc. Author: Cliff Cai <cliff.cai@analog.com>
 Copyright (C) Altera Corporation 1998-2001.
 Copyright (C) Alexander Popov, Promcontroller 2014
 Copyright (C) Alex Aizman, 2004 - 2005
 Copyright (C) Alan Hourihane 2005 All Rights Reserved.
 Copyright (C) Abilis Systems 2013
 Copyright (C) Abilis Systems 2012
 Copyright (C) 2015: Linus Lüssing <linus.luessing@c0d3.blue>
 Copyright (C) 2015, rogershimizu@gmail.com
 Copyright (C) 2015, Wang Nan <wangnan0@huawei.com>
 Copyright (C) 2015, Vitaly Kuznetsov <vkuznets@redhat.com>
 Copyright (C) 2014-2015 , Stephan Mueller <smueller@chronox.de>
 Copyright (C) 2015, Sebastian Hesselbarth <sebastian.hesselbarth@gmail.com>
 Copyright (C) 2015, Samsung Electronics Co., Ltd. Author: Jacek Anaszewski
 <j.anaszewski@samsung.com>
 Copyright (C) 2011-2015 , Samsung Electronics Co., Ltd.
 Copyright (C) 2015, SUSE
 Copyright (C) 2015, Roger Shimizu <rogershimizu@gmail.com>
 Copyright (C) 2015, Quentin Casasnovas <quentin.casasnovas@oracle.com>
 Copyright (C) 2015-2015 , Motorola Mobility.
 Copyright (C) 2015, Intel Corporation. Author: Subhransu S. Prusty
 <subhransu.s.prusty@intel.com>
 Copyright (C) 2012-2015 , Intel Corporation Authors: Mathias Nyman
 <mathias.nyman@linux.intel.com> Mika Westerberg <mika.westerberg@linux.intel.com>
 Copyright (C) 2012-2015 , Intel Corporation Author: Rafael J. Wysocki
 <rafael.j.wysocki@intel.com>
 Copyright (C) 2013-2015 , Intel Corporation Author: Mika Westerberg
 <mika.westerberg@linux.intel.com>
 Copyright (C) 2013-2015 , Intel Corporation Author: Lv Zheng <lv.zheng@intel.com>
 Copyright (C) 2015, Intel Corporation Author: Jiang Liu <jiang.liu@linux.intel.com>
 Copyright (C) 2015, Intel Corp. Author: Mika Westerberg <mika.westerberg@linux.intel.com>
 Author: Rafael J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2015, Intel Corp. Author: Kan Liang (kan.liang@intel.com)
 Copyright (C) 2015, IBM Corporation Author: Laurent Dufour <ldufour@linux.vnet.ibm.com>
 Copyright (C) 2015, Huawei Inc.
 Copyright (C) 2015, Hisilicon Ltd.
 Copyright (C) 2015, Google, Inc.
 Copyright (C) 2015, Dmitry Eremin-Solenikov
 Copyright (C) 2015, Daniel Axtens, IBM Corporation
 Copyright (C) 2013-2015 , Applied Micro Circuits Corporation
 Copyright (C) 2015, Andrew Andrianov <andrew@ncrmnt.org>

Copyright (C) 2015 by Sang Engineering
 Copyright (C) 2014-2015 by Renesas Electronics Corporation
 Copyright (C) 2015 by David Rientjes
 Copyright (C) 2015 Zodiac Inflight Innovations
 Copyright (C) 2004-2015 Xilinx, Inc.
 Copyright (C) 2013-2015 Wolfram Sang <wsa@sang-engineering.com>
 Copyright (C) 2015 William Breathitt Gray
 Copyright (C) 2015 Wang Nan <wangnan0@huawei.com>
 Copyright (C) 2015 Vishnu Patekar <vishnupatekar0510@gmail.com>
 Copyright (C) 2015 VanguardiaSur.
 Copyright (C) 2015 Valeo S.A.
 Copyright (C) 2014-2015 Ulrich Hecht
 Copyright (C) 2015 Toradex AG.
 Copyright (C) 2015 Topic Embedded Products
 Copyright (C) 2015 Toby Churchill.
 Copyright (C) 2015 Thomas Meyer (thomas@m3y3r.de)
 Copyright (C) 2015 The Linux Foundation
 Copyright (C) 2004-2015 Texas Instruments, Inc.
 Copyright (C) 2015 Texas Instruments Incorporated. Author: Roger Quadros <rogerq@ti.com>
 Copyright (C) 2005-2015 Texas Instruments Incorporated.
 Copyright (C) 2015 Texas Instruments Incorporated, Peter Ujfalusi <peter.ujfalusi@ti.com>
 Copyright (C) 2015 Texas Instruments Inc. Author: Jyri Sarha <jsarha@ti.com>
 Copyright (C) 2015 Texas Instruments Author: Jyri Sarha <jsarha@ti.com>
 Copyright (C) 2015 Synopsys, Inc. (www.synopsys.com)
 Copyright (C) 2015 Stephen Chandler Paul <thatslyude@gmail.com>
 Copyright (C) 2015 Stefan Wahren <stefan.wahren@i2se.com>
 Copyright (C) 2015 Stefan Agner
 Copyright (C) 2015 Srinivas Kandagatla <srinivas.kandagatla@linaro.org>
 Copyright (C) 2015 Shaohua Li <shli@fb.com>
 Copyright (C) 2015 Seagate
 Copyright (C) 2015 Samsung Electronics Ingi Kim <ingi2.kim@samsung.com>
 Copyright (C) 2015 Samsung Electronics Co.Ltd Authors: Joonyoung Shim
 <jy0922.shim@samsung.com> Hyungwon Hwang <human.hwang@samsung.com>
 Copyright (C) 2015 Samsung Electronics Co.Ltd Authors: Hyungwon Hwang
 <human.hwang@samsung.com>
 Copyright (C) 2013-2015 Samsung Electronics Co., Ltd. Author: Jacek Anaszewski
 <j.anaszewski@samsung.com>
 Copyright (C) 2015 Samsung Electronics Author: Jaewon Kim <jaewon02.kim@samsung.com>
 Author: Beomho Seo <beomho.seo@samsung.com>
 Copyright (C) 2015 Samsung Electronics Author: Jaewon Kim <jaewon02.kim@samsung.com>
 Copyright (C) 2014-2015 Samsung Electronics Author: Chanwoo Choi
 <cw00.choi@samsung.com>
 Copyright (C) 2015 Samsung Electronics Robert Baldyga <r.baldyga@samsung.com>
 Copyright (C) 2015 Sakari Ailus
 Copyright (C) 2015 SUSE Linux GmbH
 Copyright (C) 2015 STMicroelectronics - All Rights Reserved
 Copyright (C) 2014-2015 STMicroelectronics R&D Limited
 Copyright (C) 2015 STMicroelectronics Limited. Author: Gabriel Fernandez
 <gabriel.fernandez@linaro.org>
 Copyright (C) 2015 STMicroelectronics (R&D) Limited. Author: Maxime Coquelin
 <maxime.coquelin@st.com>
 Copyright (C) 1994-2015 Russell King
 Copyright (C) 2015 Robert Jarzmik <robert.jarzmik@free.fr>
 Copyright (C) 2015 Richard Weinberger (richard@nod.at)

Copyright (C) 2010-2015 Renesas Solutions Corp. Kuninori Morimoto
<kuninori.morimoto.gx@renesas.com>
Copyright (C) 2010-2015 Renesas Electronics Corporation
Copyright (C) 2007-2015 Red Hat. All rights reserved.
Copyright (C) 2013-2015 Red Hat, Inc., Johannes Weiner
Copyright (C) 1999-2015 Red Hat, Inc.
Copyright (C) 2015 Red Hat Inc. Hans de Goede <hdegoede@redhat.com>
Copyright (C) 2012-2015 Rafal Milecki <zajec5@gmail.com>
Copyright (C) 2015 QWERTY Embedded Design
Copyright (C) 2015 Phytex Messtechnik GmbH Author: Teresa Remmet <t.remmet@phytec.de>
Copyright (C) 2014-2015 Paradox Innovation Ltd.
Copyright (C) 2015 Paolo Valente <paolo.valente@unimore.it> Arianna Avanzini
<avanzini.arianna@gmail.com>
Copyright (C) 2014-2015 Ondrej Zary
Copyright (C) 2011-2015 Numascale AS. All rights reserved.
Copyright (C) 2015 Nikolaus Schaller <hns@goldelico.com>
Copyright (C) 2015 Niklas Söderlund
Copyright (C) 2015 Naveen N. Rao, IBM Corporation
Copyright (C) 2011-2015 NVIDIA CORPORATION. All rights reserved.
Copyright (C) 2015 Microchip Technology
Copyright (C) 2015 Micro Crystal SA
Copyright (C) 2005-2015 Mentor Graphics Corporation.
Copyright (C) 2013-2015 Maxime Ripard <maxime.ripard@free-electrons.com>
Copyright (C) 2012-2015 Maxime Ripard
Copyright (C) 2015 Maxime Coquelin <mcoquelin.stm32@gmail.com>
Copyright (C) 2014-2015 Matt Ranostay <mranoastay@gmail.com>
Copyright (C) 2015 Matias Bjorling <m@bjorling.me>
Copyright (C) 2015 Masahiro Yamada <yamada.masahiro@socionext.com>
Copyright (C) 2012-2015 Marvell
Copyright (C) 2015 Martin Willi
Copyright (C) 2015 Martin Sperr
Copyright (C) 2015 Markus Reichl
Copyright (C) 2015 Mans Rullgard <mans@mansr.com>
Copyright (C) 2015 Lyude (Stephen Chandler Paul) <cpaul@redhat.com>
Copyright (C) 2015 Linaro, Ltd. Rob Herring <robh@kernel.org>
Copyright (C) 2015 Linaro Ltd. Author: Jassi Brar <jaswinder.singh@linaro.org>
Copyright (C) 2015 Linaro Ltd. Author: Ard Biesheuvel <ard.biesheuvel@linaro.org>
Copyright (C) 2014-2015 Linaro Ltd. <ard.biesheuvel@linaro.org>
Copyright (C) 2011-2015 Linaro Ltd.
Copyright (C) 2015 Linaro Ltd Andy Green <andy.green@linaro.org>
Copyright (C) 2015 Laurent Fasnacht <l@libres.ch>
Copyright (C) 2015 Kozhevnikov Anatoly
Copyright (C) 2015 Keith Packard <keithp@keithp.com>
Copyright (C) 2015 John Horan (knasher@gmail.com)
Copyright (C) 2012-2015 Joachim Eastwood <manabian@gmail.com>
Copyright (C) 2015 Jemma Denson <jdenson@gmail.com>
Copyright (C) 2015 Jakub Sitnicki
Copyright (C) 2015 Jakub Kicinski <kubakici@wp.pl>
Copyright (C) 2015 Jablotron, Author: Rostislav Lisovy <lisovy@jablotron.cz>
Copyright (C) 2015 Intel Deutschland GmbH All rights reserved.
Copyright (C) 2015-2015 Intel Deutschland GmbH
Copyright (C) 1999-2015 Intel Corporation. All rights reserved.
Copyright (C) 1999-2015 Intel Corporation.
Copyright (C) 2015 Intel Corporation Mian Yousaf Kaukab <yousaf.kaukab@intel.com>

Copyright (C) 2014-2015 Intel Corporation Author: Ramakrishna Pallala
<ramakrishna.pallala@intel.com>
Copyright (C) 2015 Intel Corporation Author: Heikki Krogerus <heikki.krogerus@linux.intel.com>
Copyright (C) 2015 Intel Corporation Author: Andy Shevchenko
<andriy.shevchenko@linux.intel.com>
Copyright (C) 2015 Intel Corporation All Rights Reserved
Copyright (C) 2015 Intel Corp., Peter Zijlstra <peterz@infradead.org>
Copyright (C) 2015 Intel Corp. Author: Chen, Gong <gong.chen@linux.intel.com>
Copyright (C) 2015 Intel Corp Author: Rafal Redzimski <rafal.f.redzimski@intel.com> Jeeja KP
<jeeja.kp@intel.com>
Copyright (C) 2015 Intel Corp Author: Sanjiv Kumar <sanjiv.kumar@intel.com>
Copyright (C) 2015 Intel Corp Author: Jeeja KP <jeeja.kp@intel.com> Nilofer, Samreen
<samreen.nilofer@intel.com>
Copyright (C) 2015 Intel Corp Author: Fang, Yang A <yang.a.fang@intel.com> N, Harshapriya
<harshapriya.n@intel.com>
Copyright (C) 2015 Intel Corp Author: Fang, Yang A <yang.a.fang@intel.com>
Copyright (C) 2006-2015 Imre Kaloz <kaloz@openwrt.org>
Copyright (C) 2015 Imagination Technologies, Ltd. Author: Markos Chandras
<markos.chandras@imgtec.com>
Copyright (C) 2015 Imagination Technologies, Inc.
Copyright (C) 2015 Imagination Technologies Ltd. Author: Markos Chandras
<markos.chandras@imgtec.com>
Copyright (C) 2000-2015 Imagination Technologies Ltd.
Copyright (C) 2015 Imagination Technologies Author: Zubair Lutfullah Kakakhel
<Zubair.Kakakhel@imgtec.com>
Copyright (C) 2013-2015 Imagination Technologies Author: Paul Burton
<paul.burton@imgtec.com>
Copyright (C) 2015 Imagination Technologies Author: Alex Smith <alex.smith@imgtec.com>
Copyright (C) 2015 IT University of Copenhagen. All rights reserved.
Copyright (C) 2015 IT University of Copenhagen Initial release: Matias Bjorling
<m@bjorling.me>
Copyright (C) 1999-2015 IBM Corporation.
Copyright (C) 2015 IBM Corp. <aik@ozlabs.ru>
Copyright (C) 2014-2015 Huawei Inc.
Copyright (C) 2015 HiSilicon Co., Ltd. <http://www.hisilicon.com>
Copyright (C) 2015 Henri Chain
Copyright (C) 1999-2015 Helge Deller <deller@gmx.de>
Copyright (C) 2014-2015 Heiko Schocher <hs@denx.de>
Copyright (C) 2010-2015 Hauke Mehrtens <hauke@hauke-m.de>
Copyright (C) 2006-2015 Hannes Reinecke
Copyright (C) 2015 Gridpoint Author: Jon Ringle <jringle@gridpoint.com>
Copyright (C) 2004-2015 Google Inc.
Copyright (C) 2015 Goldelico GmbH
Copyright (C) 2015 Gerhard Bertelsmann All rights reserved.
Copyright (C) 2015 Gabriele Mazzotta <gabriele.mzt@gmail.com>
Copyright (C) 2015 Fujitsu Semiconductor Limited
Copyright (C) 2004-2015 Freescale Semiconductor, Inc.
Copyright (C) 2015 FUJITSU LIMITED Author: Taku Izumi <izumi.taku@jp.fujitsu.com>
Copyright (C) 2015 Endless Mobile, Inc. Author: Carlo Caione <carlo@endlessm.com>
Copyright (C) 2015 Endless Mobile, Inc.
Copyright (C) 2015 EMC Corporation. All Rights Reserved.
Copyright (C) 2015 EMAC Inc.
Copyright (C) 2010-2015 Dmitry Eremin-Solenikov
Copyright (C) 2015 Dennis Menschel
Copyright (C) 2014-2015 Davidlohr Bueso.

Copyright (C) 2015 Dan Streetman, IBM Corp
Copyright (C) 2015 Cyrille Pitchen <cyrille.pitchen@atmel.com>
Copyright (C) 2013-2015 Cogent Embedded, Inc., <source@cogentembedded.com>
Copyright (C) 2013-2015 Cogent Embedded, Inc. <source@cogentembedded.com>
Copyright (C) 2015 Clemens Gruber <clemens.gruber@pqgruber.com>
Copyright (C) 2013-2015 Citrix Systems R&D Ltd.
Copyright (C) 2015 Christoph Junghans <ottxor@gentoo.org>
Copyright (C) 2007-2015 Casey Schaufler <casey@schaufler-ca.com>
Copyright (C) 2014-2015 Cadence Design Systems Inc.
Copyright (C) 2015 CNEX Labs. All rights reserved.
Copyright (C) 2015 Bryan O'Donoghue <pure.logic@nexus-software.ie>
Copyright (C) 2015 Broadcom Corporation Author: Florian Fainelli <f.fainelli@gmail.com>
Copyright (C) 2000-2015 Broadcom Corporation
Copyright (C) 2015 Boris Barbulovski <bbarbulovski@gmail.com>
Copyright (C) 2015 Bert Vermeulen <bert@biot.com>
Copyright (C) 2015 Benjamin Cama <benoar@dolka.fr>
Copyright (C) 2014-2015 Azael Avalos <coproscefalo@gmail.com>
Copyright (C) 1998-2015 Axis Communications AB.
Copyright (C) 2015 Atmel, 2015 Ludovic Desroches <ludovic.desroches@atmel.com>
Copyright (C) 2015 Atmel, 2015 Josh Wu <josh.wu@atmel.com>
Copyright (C) 2015 Atmel, 2015 Alexandre Belloni <alexandre.Belloni@free-electrons.com>
Copyright (C) 2009-2015 Atmel Corporation, Nicolas Ferre <nicolas.ferre@atmel.com>
Copyright (C) 2004-2015 Atmel Corporation
Copyright (C) 2008-2015 Atmel
Copyright (C) 2015 Ash Charles, Gumstix, Inc.
Copyright (C) 2015 Ash Charles, Gumstix Inc.
Copyright (C) 2015 Arrikto, Inc.
Copyright (C) 2015 Anton Ivanov (aivanov@{brocade.com,kot-begemot.co.uk})
Copyright (C) 2015 Annapurna Labs Ltd.
Copyright (C) 2015 Andrey Smetanin <asmetanin@virtuozzo.com>
Copyright (C) 2008-2015 Altera Corporation. All rights reserved.
Copyright (C) 2015 Aleksa Sarai <cyphar@cyphar.com>
Copyright (C) 2015 Alban Bedel <albeu@free.fr>
Copyright (C) 2015 Adafruit Industries
Copyright (C) 2015 ASMedia Technology Inc. Author: YD Tseng <yd_tseng@asmedia.com.tw>
Copyright (C) 2015 ARM Ltd. Sudeep Holla <sudeep.holla@arm.com>
Copyright (C) 2015 ARM Ltd. Punit Agrawal <punit.agrawal@arm.com>
Copyright (C) 2013-2015 ARM Ltd. Author: Lorenzo Pieralisi <lorenzo.pieralisi@arm.com>
Copyright (C) 2002-2015 ARM Ltd. All Rights Reserved
Copyright (C) 2015 ARM Limited Author: Dave Martin <Dave.Martin@arm.com>
Copyright (C) 1998-2015 ARM Limited
Copyright (C) 2003-2016 , Intel Corporation
Copyright (C) 2014-2015 , Qualcomm Atheros, Inc.
Copyright (C) 2003-2015 , Marvell International Ltd.
Copyright (C) 2013-2015 , Intel Corporation. All rights reserved.
Copyright (C) 2014-2015 , Freescale Semiconductor
Copyright (C) 2014-2015 Zi Shen Lim <zlim.lnx@gmail.com>
Copyright (C) 2014-2015 Toradex AG Author: Stefan Agner <stefan@agner.ch>
Copyright (C) 2014-2015 The Linux Foundation. All rights reserved.
Copyright (C) 2004-2015 Synopsys, Inc.
Copyright (C) 2014-2015 STMicroelectronics SAS. All rights reserved.
Copyright (C) 2006-2015 Renesas Solutions Corp.
Copyright (C) 2011-2015 Pali Rohár <pali.rohar@gmail.com>
Copyright (C) 2014-2015 Macq S.A.
Copyright (C) 2014-2015 Intel Corp Author: Jeeja KP <jeeja.kp@intel.com>

Copyright (C) 2014-2015 IT University of Copenhagen.
Copyright (C) 2007-2015 Hans de Goede <hdegoede@redhat.com>
Copyright (C) 2014-2015 Glider bvba
Copyright (C) 2011-2015 Cypress Semiconductor, Inc.
Copyright (C) 2013-2015 Cogent Embedded, Inc.
Copyright (C) 2014-2015 Chen-Yu Tsai <wens@csie.org>
Copyright (C) 2013-2015 Capella Microsystems Inc. Author: Kevin Tsai
<ktsai@capellamicro.com>
Copyright (C) 2010-2015 Broadcom
Copyright (C) 2006-2015 B.A.T.M.A.N. contributors:
Copyright (C) 2014-2015 Azael Avalos
Copyright (C) 2012-2015 Altera Corporation <www.altera.com>
Copyright (C) 2014-15, Intel Corporation. Author:Rafal Redzimski <rafal.f.redzimski@intel.com>
Jeeja KP <jeeja.kp@intel.com>
Copyright (C) 2013-2014 -15 Synopsys, Inc.
Copyright (C) 2014-15 Intel Corp Author: Jeeja KP <jeeja.kp@intel.com>
Copyright (C) 2014,2015 Samsung Electronics Jaewon Kim <jaewon02.kim@samsung.com>
Krzysztof Kozlowski <k.kozlowski@samsung.com>
Copyright (C) 2012-2015 Hisilicon Ltd.
Copyright (C) 2014, Xsens Technologies BV <info@xsens.com> Maintainer: René Moll
<linux@r-moll.nl>
Copyright (C) 2014, Topic Embedded Products.
Copyright (C) 2014, Spreadtrum Communications Inc.
Copyright (C) 2014, Sebastian Andrzej Siewior <bigeasy@linutronix.de>
Copyright (C) 2014, Samsung Electronics Co. Ltd. All Rights Reserved.
Copyright (C) 2011-2014 , Red Hat Inc, Arnaldo Carvalho de Melo <acme@redhat.com>
Copyright (C) 2014, Microsoft, Inc.
Copyright (C) 2013-2014 , Michael Ellerman, IBM Corp.
Copyright (C) 2014, Linaro Ltd. Author: Hanjun Guo <hanjun.guo@linaro.org> Author: Graeme
Gregory <graeme.gregory@linaro.org>
Copyright (C) 2012-2014 , Jiri Olsa <jolsa@redhat.com>
Copyright (C) 2014, Jes Sorensen <Jes.Sorensen@redhat.com>
Copyright (C) 2014, Jason Cooper <jason@lakedaemon.net>
Copyright (C) 2014, Intel Corporation Authors: Zhang Rui <rui.zhang@intel.com> Rafael J.
Wysocki <rafael.j.wysocki@intel.com>
Copyright (C) 2014, Intel Corporation Authors: Zhang Rui <rui.zhang@intel.com>
Copyright (C) 2014, Intel Corporation Authors: Rafael J. Wysocki <rafael.j.wysocki@intel.com>
Mika Westerberg <mika.westerberg@linux.intel.com>
Copyright (C) 2014, Intel Corporation Authors: Aaron Lu <aaron.lu@intel.com>
Copyright (C) 2014, Intel Corporation Author: Mika Westerberg
<mika.westerberg@linux.intel.com>: Chew Kean Ho <kean.ho.chew@intel.com>Chang
Rebecca Swee Fun <rebecca.swee.fun.chang@intel.com>Chew Chiau Ee
<chiau.ee.chew@intel.com> Alan Cox <alan@linux.
Copyright (C) 2014, Intel Corporation All rights reserved.
Copyright (C) 2014, Imagination Technologies Ltd.
Copyright (C) 2014, Himangi Saraogi.
Copyright (C) 2014, Freescale Semiconductor, Inc.
Copyright (C) 2014, Cavium Inc.
Copyright (C) 2014, Benoit Masson <yahoo@perenite.com>
Copyright (C) 2013-2014 , Arnaud EBALARD <arno@natisbad.org>
Copyright (C) 2014 ololoshka2871
Copyright (C) 2014 by Wolfram Sang, Sang Engineering <wsa@sang-engineering.com>
Copyright (C) 2014 by Ralf Baechle <ralf@linux-mips.org>
Copyright (C) 2012-2014 by Pablo Neira Ayuso <pablo@netfilter.org>
Copyright (C) 2014 by Marcel Mol

Copyright (C) 2007-2014 by Maciej W. Rozycki
Copyright (C) 2014 Zhang, Keguang <keguang.zhang@gmail.com>
Copyright (C) 2014 ZTE Corporation.
Copyright (C) 2014 Yunzhi Li <lyz@rock-chips.com>
Copyright (C) 2011-2014 Xilinx
Copyright (C) 2014 Wolfram Sang, Sang Engineering <wsa@sang-engineering.com>
Copyright (C) 2014 Volkswagen Group Research Author: Rostislav Lisovy
<rostislav.lisovy@fel.cvut.cz> Funded by: Volkswagen Group Research
Copyright (C) 2014 Viresh Kumar <viresh.kumar@linaro.org>
Copyright (C) 2014 Varka Bhadram <varkab@cdac.in> Md.Jamal Mohiuddin
<mjmohiuddin@cdac.in> P Sowjanya <sowjanya@cdac.in>
Copyright (C) 2014 Ulrich Weigand, IBM Corporation.
Copyright (C) 2014 Traphandler
Copyright (C) 2014 Topic Embedded Systems
Copyright (C) 2010-2014 Tiler Corporation. All Rights Reserved.
Copyright (C) 2012-2014 Thomas Petazzoni <thomas.petazzoni@free-electrons.com>
Copyright (C) 2011-2014 Texas Instruments, Inc. Santosh Shilimkar
<santosh.shilimkar@ti.com>
Copyright (C) 2014 Texas Instruments, Inc. Author: Sajesh Kumar Saran <sajesh@ti.com>
Grygorii Strashko <grygorii.strashko@ti.com>
Copyright (C) 2013-2014 Texas Instruments, Inc Tero Kristo (t-kristo@ti.com)
Copyright (C) 2014 Texas Instruments Ltd
Copyright (C) 2014 Texas Instruments Incorporated. Author: Felipe Balbi <balbi@ti.com>
Copyright (C) 2014 Texas Instruments Incorporated. Author: Balaji T K <balajitk@ti.com>.
Copyright (C) 2014 Texas Instruments Incorporated. Author: Sandeep Nair
<sandeep_n@ti.com> Cyril Chemparathy <cyril@ti.com> Santosh Shilimkar
<santosh.shilimkar@ti.com>
Copyright (C) 2014 Texas Instruments Incorporated Authors: Santosh Shilimkar
<santosh.shilimkar@ti.com> Sandeep Nair <sandeep_n@ti.com> Cyril Chemparathy
<cyril@ti.com>
Copyright (C) 2014 Texas Instruments Incorporated Authors: Sandeep Nair
<sandeep_n@ti.com> WingMan Kwok <w-kwok2@ti.com>
Copyright (C) 2014 Texas Instruments Incorporated Authors: Sandeep Nair
<sandeep_n@ti.com> Sandeep Paulraj <s-paulraj@ti.com> Wingman Kwok <w-
kwok2@ti.com>
Copyright (C) 2014 Texas Instruments Incorporated Authors: Sandeep Nair
<sandeep_n@ti.com> Sandeep Paulraj <s-paulraj@ti.com> Cyril Chemparathy <cyril@ti.com>
Santosh Shilimkar <santosh.shilimkar@ti.com> Wingman Kwok <w-kwok2@ti.com>
Copyright (C) 2014 Texas Instruments Incorporated Authors: Sandeep Nair
<sandeep_n@ti.com> Cyril Chemparathy <cyril@ti.com> Santosh Shilimkar
<santosh.shilimkar@ti.com>
Copyright (C) 2011-2014 Texas Instruments Author: Tomi Valkeinen <tomi.valkeinen@ti.com>
Copyright (C) 2014 Sutajio Ko-Usagi PTE LTD
Copyright (C) 2014 Sukadev Bhattiprolu, IBM Corporation.
Copyright (C) 2014 Steven Rostedt, Red Hat Inc
Copyright (C) 2013-2014 Steffen Trumtrar <s.trumtrar@pengutronix.de>
Copyright (C) 2014 Stefan Kristiansson <stefan.kristiansson@saunalahti.fi>
Copyright (C) 2014 Sony Mobile Communications Inc.
Copyright (C) 2014 Soeren Moch <smoch@web.de>
Copyright (C) 2014 Skyworks Solutions Inc. Author : Gyungoh Yoo
<jack.yoo@skyworksinc.com>
Copyright (C) 2014 Simon Guinot <simon.guinot@sequanux.org>
Copyright (C) 2014 Seth Jennings <sjenning@redhat.com>
Copyright (C) 2014 Sergey Senozhatsky.
Copyright (C) 2014 Sergey Kozlov <serjk@netup.ru>

Copyright (C) 2014 Seong-Woo Kim
Copyright (C) 2014 Sensirion AG, Switzerland Author: Johannes Winkelmann
<johannes.winkelmann@sensirion.com>
Copyright (C) 2013-2014 Sebastian Reichel <sre@kernel.org>
Copyright (C) 2014 Sebastian Andrzej Siewior
Copyright (C) 2004-2014 Sean Young <sean@mess.org>
Copyright (C) 2014 Samsung Electronics, Co., Ltd. Author: Beomho Seo
<beomho.seo@samsung.com>
Copyright (C) 2014 Samsung Electronics Lukasz Majewski <l.majewski@samsung.com>
Copyright (C) 2014 Samsung Electronics Co.Ltd Authors: Akshu Agarwal <akshua@gmail.com>
Ajay Kumar <ajaykumar.rs@samsung.com>
Copyright (C) 2010-2014 Samsung Electronics Co., Ltd. Sylwester Nawrocki
<s.nawrocki@samsung.com>
Copyright (C) 2014 Samsung Electronics Co., Ltd. Author: Vivek Gautam
<gautam.vivek@samsung.com>
Copyright (C) 2010-2014 Samsung Electronics Co., Ltd.
Copyright (C) 2014 Samsung Electronics Bartlomiej Zolnierkiewicz
<b.zolnierkie@samsung.com> Lukasz Majewski <l.majewski@samsung.com>
Copyright (C) 2014 Samsung Electronics Author: Beomho Seo <beomho.seo@samsung.com>
Copyright (C) 2014 Samsung Electronics Chanwoo Choi <cw00.choi@samsung.com> Krzysztof
Kozlowski <k.kozlowski@samsung.com>
Copyright (C) 2014 SUSE
Copyright (C) 2014 STMicroelectronics. All Rights Reserved
Copyright (C) 2014 STMicroelectronics R&D Ltd
Copyright (C) 2014 STMicroelectronics Ltd Author: Giuseppe Cavallaro
<peppe.cavallaro@st.com> Contributors: Peter Griffin <peter.griffin@linaro.org>
Copyright (C) 2014 STMicroelectronics Limited. Author: Peter Griffin <peter.griffin@linaro.org>
Copyright (C) 2014 STMicroelectronics Limited. Author: Giuseppe Cavallaro
<peppe.cavallaro@st.com>
Copyright (C) 2003-2014 STMicroelectronics Limited.
Copyright (C) 2014 STMicroelectronics Author: Gabriel Fernandez <gabriel.fernandez@st.com>
Copyright (C) 2014 STMicroelectronics (R&D) Limited. Author: Peter Griffin
<peter.griffin@linaro.org>
Copyright (C) 2013-2014 STMicroelectronics (R&D) Limited. Author: Lee Jones
<lee.jones@linaro.org>
Copyright (C) 2014 STMicroelectronics (R&D) Limited. Author: Giuseppe Cavallaro
<peppe.cavallaro@st.com>
Copyright (C) 2014 STMicroelectronics (R&D) Limited Author: Giuseppe Cavallaro
<peppe.cavallaro@st.com>
Copyright (C) 2007-2014 ST-Ericsson AB
Copyright (C) 2014 ST Microelectronics Pratyush Anand <pratyush.anand@gmail.com>
Copyright (C) 2014 Rose Technology Allan Bendorff Jensen <abj@rosetechnology.dk> Soren
Andersen <san@rosetechnology.dk>
Copyright (C) 2014 Rose Technology
Copyright (C) 2014 Romain Perier <romain.perier@gmail.com>
Copyright (C) 2008-2014 Robert Jarzmik
Copyright (C) 2014 Robert Butora (robert.butora.fi@gmail.com)
Copyright (C) 2014 Ricardo Ribalda, Qtechnology A/S
Copyright (C) 2014 Ricardo Ribalda - Qtechnology/AS
Copyright (C) 2014 Renesas Electronics Inc. Author: Laurent Pinchart
<laurent.pinchart@ideasonboard.com>
Copyright (C) 2014 Renesas Electronics Inc.
Copyright (C) 2012-2014 Renesas Electronics Europe Ltd
Copyright (C) 2014 Renesas Electronics Corp.
Copyright (C) 2009-2014 Red Hat, Inc. Author: Michael S. Tsirkin <mst@redhat.com>

Copyright (C) 2012-2014 Red Hat, Inc. All rights reserved. Author: Alex Williamson <alex.williamson@redhat.com>
 Copyright (C) 2001-2014 Red Hat, Inc. All Rights Reserved. Written by David Howells (dhowells@redhat.com)
 Copyright (C) 2014 Red Hat Inc. Authors: Vivek Goyal <vgoyal@redhat.com>
 Copyright (C) 2014 Red Hat Inc, author: Steven Rostedt <srostedt@redhat.com>
 Copyright (C) 2014 Red Hat Author: Rob Clark <robdclark@gmail.com> Author: Vinay Simha <vinaysimha@inforcecomputing.com>
 Copyright (C) 2014 Realtek Microelectronics Author: Bard Liao <bardliao@realtek.com>
 Copyright (C) 2013-2014 Realtek Microelectronics
 Copyright (C) 2011-2014 Raumfeld GmbH Author: Sven Brandau <info@brandau.biz>
 Copyright (C) 2014 Rabeeh Khoury (rabeeh@solid-run.com).
 Copyright (C) 2010-2014 ROCKCHIP, Inc.
 Copyright (C) 2014 Philippe Reynes
 Copyright (C) 2014 Peter Feuerer <peter@piie.net>
 Copyright (C) 1997-2014 Pavel Machek <pavel@ucw.cz>
 Copyright (C) 2013-2014 Pavel Machek <pavel@denx.de>
 Copyright (C) 2014 Paratronic S.A.
 Copyright (C) 2014 Olli Salonen <olli.salonen@iki.fi>
 Copyright (C) 2014 Oliver Hartkopp <oliver.hartkopp@volkswagen.de>
 Copyright (C) 2014 Oleksij Rempel <linux@rempel-privat.de>
 Copyright (C) 2014 NovaTech LLC.
 Copyright (C) 2014 Noralf Tronnes
 Copyright (C) 2014 NXP Semiconductors All rights reserved.
 Copyright (C) 2014 Michal Sojka <sojka@merica.cz>
 Copyright (C) 2014 Michael Hope (adapted for the TLS8204)
 Copyright (C) 2014 Maxime Ripard Maxime Ripard <maxime.ripard@free-electrons.com>
 Copyright (C) 2013-2014 Max nibble <nibble.max@gmail.com>
 Copyright (C) 2014 Mauro Carvalho Chehab <mchehab@samsung.com>
 Copyright (C) 2014 Matthias Brugger
 Copyright (C) 2014 Marvell Thomas Petazzoni <thomas.petazzoni@free-electrons.com>
 Copyright (C) 2008-2014 Marvell Semiconductor
 Copyright (C) 2006-2014 Marvell International Ltd.
 Copyright (C) 2014 Marvell Chao Xie <chao.xie@marvell.com>
 Copyright (C) 2014 Marvell Author: Gregory CLEMENT <gregory.clement@free-electrons.com>
 Copyright (C) 2014 Martin Peres <martin.peres@free.fr>
 Copyright (C) 2013-2014 Markus Pargmann <mpa@pengutronix.de>, Pengutronix
 Copyright (C) 2014 Mario Kicherer (dev@kicherer.org)
 Copyright (C) 2012-2014 Marek Vasut <marex@denx.de>
 Copyright (C) 2013-2014 Marek Belisko <marek@godelico.com>
 Copyright (C) 2014 MEN Mikroelektronik GmbH.Johannes Thumshirn <johannes.thumshirn@men.de>
 Copyright (C) 2013-2014 MEN Mikro Elektronik Nuernberg GmbH
 Copyright (C) 2014 Luca Ellero <luca.ellero@brickedbrain.com>
 Copyright (C) 2013-2014 Lothar Waßmann <LW@KARO-electronics.de>
 Copyright (C) 2008-2014 Linutronix GmbH Author: John Ogness <john.ogness@linutronix.de>
 Copyright (C) 2013-2014 Linaro. Viresh Kumar <viresh.kumar@linaro.org>
 Copyright (C) 2014 Linaro Ltd. Author: Rob Herring <robh@kernel.org>
 Copyright (C) 2014 Linaro Ltd. Author: Anup Patel <anup.patel@linaro.org>
 Copyright (C) 2014 Linaro Ltd. Author: Ashwin Chaugule <ashwin.chaugule@linaro.org>
 Copyright (C) 2014 Linaro Ltd <yazen.ghannam@linaro.org>
 Copyright (C) 2014 Linaro Limited Author: Matt Porter <mporter@linaro.org>
 Copyright (C) 2013-2014 Linaro Limited Author: AKASHI Takahiro <takahiro.akashi@linaro.org>
 Copyright (C) 2011-2014 Linaro Limited
 Copyright (C) 2014 Lemote Corporation. written by Huacai Chen <chenhc@lemote.com>

Copyright (C) 2014 Laurent Pinchart
 Copyright (C) 2014 Lad, Prabhakar <prabhakar.csengg@gmail.com>
 Copyright (C) 2012-2014 Kevin Cernekee <cernekee@gmail.com>
 Copyright (C) 2011-2014 Jussi Kivilinna <jussi.kivilinna@iki.fi>
 Copyright (C) 2014 Juergen Holzmam
 Copyright (C) 2003-2014 Jozsef Kadlecik <kadlec@blackhole.kfki.hu>
 Copyright (C) 2013-2014 Jonas Jensen
 Copyright (C) 2014 Johan Hovold <johan@kernel.org>
 Copyright (C) 2012-2014 Javier Martinez Canillas <javier@osg.samsung.com>
 Copyright (C) 2014 Jason Baron <jbaron@akamai.com>
 Copyright (C) 2011-2014 Intel Corporation; author Matt Fleming
 Copyright (C) 2014 Intel Corporation. All rights reserved. Contact: David Cohen
 <david.a.cohen@linux.intel.com>
 Copyright (C) 2014 Intel Corporation Daniel Vetter <daniel.vetter@ffwll.ch>
 Copyright (C) 2014 Intel Corporation Contact: Sakari Ailus <sakari.ailus@iki.fi>
 Copyright (C) 2014 Intel Corp., Rafael J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2014 Intel Corp. Author: Rafael J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2014 Intel Corp. Author: Jiang Liu <jiang.liu@linux.intel.com>
 Copyright (C) 2014 Intel Corp Author: Subhransu S. Prusty <subhransu.s.prusty@intel.com>
 Mengdong Lin <mengdong.lin@intel.com>
 Copyright (C) 2014 Intel Corp Author: Subhransu S. Prusty <subhransu.s.prusty@intel.com>
 Copyright (C) 2014 Intel Corp Author: Lan Tianyu <tianyu.lan@intel.com>
 Copyright (C) 2014 Ideas on Board Oy
 Copyright (C) 2014 IBM Corporation Author(s): Alexey Ishchuk <aishchuk@linux.vnet.ibm.com>
 Copyright (C) 2014 IBM Corp. Author(s): Alexander Yarygin <yarygin@linux.vnet.ibm.com>
 Copyright (C) 1999-2015 IBM Corp.
 Copyright (C) 2001-2014 IBM
 Copyright (C) 2014 Huawei Ltd.
 Copyright (C) 2014 HGST, Inc., a Western Digital Company.
 Copyright (C) 2014 H. Nikolaus Schaller <hns@goldelico.com>
 Copyright (C) 2014 Gumstix, Inc. - <https://www.gumstix.com/>
 Copyright (C) 2012-2014 Guenter Roeck <linux@roeck-us.net>
 Copyright (C) 2014 GridPoint Author: Jon Ringle <jringle@gridpoint.com>
 Copyright (C) 2014 Golden Delicious Computers Author: H. Nikolaus Schaller
 <hns@goldelico.com>
 Copyright (C) 2014 Gaël PORTAY <g.portay@overkiz.com>
 Copyright (C) 2013-2014 Gateworks Corporation
 Copyright (C) 2014 Gaku Inami
 Copyright (C) 2014 Fujitsu. All rights reserved.
 Copyright (C) 2014 Freescale Semiconductor, Inc. Dong Aisheng <b29396@freescale.com>
 Copyright (C) 2014 Freescale Semiconductor, Inc. Author: German Rivera
 <German.Rivera@freescale.com>
 Copyright (C) 2006-2014 Freescale Semiconductor Inc.
 Copyright (C) 2014 Free Electrons Author: Boris BREZILLON <boris.brezillon@free-
 electrons.com>
 Copyright (C) 2011-2014 Free Electrons
 Copyright (C) 2014 Fraunhofer ITWM
 Copyright (C) 2012-2014 Florian Vaussard, EPFL Mobots group
 Copyright (C) 2014 Filipe David Borba Manana <fdmanana@gmail.com>
 Copyright (C) 2013-2014 Facebook. All rights reserved.
 Copyright (C) 2014 FEDEVEL, Inc.
 Copyright (C) 2014 Evgeni Dobrev <evgeni@studio-punkt.com>
 Copyright (C) 2012-2014 Enric Balletbo i Serra <eballetbo@gmail.com>
 Copyright (C) 2014 Emilio López Emilio López <emilio@elopez.com.ar>
 Copyright (C) 2014 Elettra-Sincrotrone Trieste S.C.p.A.

Copyright (C) 2014 Elan Microelectronics Corporation. Scott Liu <scott.liu@emc.com.tw>
 Copyright (C) 2014 Eduardo Valentin <edubezval@gmail.com>
 Copyright (C) 2014 Dell Inc <mario_limonciello@dell.com>
 Copyright (C) 2014 Darek Marcinkiewicz <reksio@newterm.pl>
 Copyright (C) 2014 Dan Streetman
 Copyright (C) 2014 Cogent Embedded Inc.
 Copyright (C) 2014 Codethink Limited
 Copyright (C) 2014 Citrix Systems R&D Ltd.
 Copyright (C) 2011-2014 Cirrus Logic, Inc.
 Copyright (C) 2014 Christoph Fritz <chf.fritz@googlemail.com>
 Copyright (C) 2014 Chen-Zhi (Roger Chen)
 Copyright (C) 2014 Carlo Caione <carlo@caione.org>
 Copyright (C) 2014 Canonical
 Copyright (C) 2014 Bruno Prémont <bonbons@linux-vserver.org>
 Copyright (C) 2014 Broadcom Corporation Author: Kevin Cernekee <cernekee@gmail.com>
 Copyright (C) 2014 Boris Brezillon Boris Brezillon <boris.brezillon@free-electrons.com>
 Copyright (C) 2014 Beniamino Galvani <b.galvani@gmail.com>
 Copyright (C) 2014 Bart Tanghe <bart.tanghe@thomasmore.be>
 Copyright (C) 2014 Axentia Technologies AB Author: Peter Rosin <peda@axentia.se>
 Copyright (C) 2014 Atmel, 2014 Nicolas Ferre <nicolas.ferre@atmel.com>
 Copyright (C) 2014 Atmel, 2014 Free Electrons
 Copyright (C) 2001-2014 Anton Blanchard <anton@au.ibm.com>, IBM
 Copyright (C) 2014 Antoine Ténart <antoine.tenart@free-electrons.com>
 Copyright (C) 2014 Anna Schumaker.
 Copyright (C) 2014 Angelo Compagnucci <angelo.compagnucci@gmail.com>
 Copyright (C) 2011-2014 Analog Devices Inc. Author: Lars-Peter Clausen <lars@metafoo.de>
 Copyright (C) 2014 Alexsey Shestacov <wingrime@linux-sunxi.org>
 Copyright (C) 2014 Alexandre Belloni <alexandre.belloni@free-electrons.com>
 Copyright (C) 2014 Alexander Bersenev <bay@hackerdom.ru>
 Copyright (C) 2014 Alex Hung <alex.hung@canonical.com>
 Copyright (C) 2014 Akihiro Tsukada <tskd08@gmail.com>
 Copyright (C) 2014 Advanced Micro Devices, Inc. Authors: Suravee Suthikulpanit
 <suravee.suthikulpanit@amd.com> Harish Kasiviswanathan
 <harish.kasiviswanathan@amd.com> Brandon Anderson <brandon.anderson@amd.com>
 Copyright (C) 2000-2014 Advanced Micro Devices, Inc.
 Copyright (C) 2009-2014 Abylay Ospan <aospan@netup.ru>
 Copyright (C) 2011-2014 ARM Ltd. Author: Catalin Marinas <catalin.marinas@arm.com>
 Copyright (C) 2014 ARM Ltd. Author: Andre Przywara <andre.przywara@arm.com>
 Copyright (C) 2014 - STMicroelectronics Inc.
 Copyright (C) 2013-2015 , Microchip Technology Germany II GmbH & Co. KG
 Copyright (C) 2013-2015 by the following authors: Rob Clark <robclark@gmail.com> (robclark)
 Copyright (C) 2013-2015 Samsung Electronics Jonghwa Lee <jonghwa3.lee@samsung.com>
 Krzysztof Kozłowski <k.kozłowski.k@gmail.com>
 Copyright (C) 2013-2015 Microchip Technology Germany II GmbH & Co. KG
 Copyright (C) 2010-2015 Maxim Integrated Products
 Copyright (C) 2013-2015 Lantiq Beteiligungs-GmbH & Co.KG
 Copyright (C) 2013-2015 Ideas on Board
 Copyright (C) 2013-2015 Fujitsu Semiconductor Ltd.
 Copyright (C) 2013-2015 FUJITSU SEMICONDUCTOR LIMITED
 Copyright (C) 2013-2015 Eric Dumazet <edumazet@google.com>
 Copyright (C) 2011-2015 Dialog Semiconductor Ltd.
 Copyright (C) 2006-2015 Corentin LABBE <clabbe.montjoie@gmail.com>
 Copyright (C) 2003-2015 Chelsio Communications. All rights reserved.
 Copyright (C) 2013-2015 Avago Technologies mailto: MPT-FusionLinux.pdl@avagotech.com)
 Copyright (C) 2008-2015 Altera Corporation

Copyright (C) 2013-2015 Alexei Starovoitov <ast@kernel.org>
 Copyright (C) 2013-2015 Alexander Popov <alex.popov@linux.com>.
 Copyright (C) 2012-2015 ARM Limited, All Rights Reserved. Author: Marc Zyngier
 <marc.zyngier@arm.com>
 Copyright (C) 2013-2014, Linaro Ltd. Author: Al Stone <al.stone@linaro.org> Graeme Gregory
 <graeme.gregory@linaro.org> Hanjun Guo <hanjun.guo@linaro.org> Tomasz Nowicki
 <tomasz.nowicki@linaro.org> Naresh Bhat <naresh.bhat@linaro.org>
 Copyright (C) 2013-2014, Linaro Ltd. Al Stone <al.stone@linaro.org> Graeme Gregory
 <graeme.gregory@linaro.org> Hanjun Guo <hanjun.guo@linaro.org>
 Copyright (C) 2013-2014 Texas Instruments., Ltd.
 Copyright (C) 2010-2014 Stephane Grosjean <s.grosjean@peak-system.com>
 Copyright (C) 2013-2014 Savoir-faire Linux Inc. Vivien Didelot
 <vivien.didelot@savoirfairelinux.com>
 Copyright (C) 2003-2014 STMicroelectronics (R&D) Limited
 Copyright (C) 2013-2014 Renesas Electronics Europe Ltd. Author: Guennadi Liakhovetski
 <g.liakhovetski@gmx.de>
 Copyright (C) 2001-2014 Red Hat Inc.
 Copyright (C) 2013-2014 Red Hat Author: Rob Clark <robdclark@gmail.com>
 Copyright (C) 2013-2014 Mauro Carvalho Chehab <m.chehab@samsung.com>
 Copyright (C) 2008-2014 Matthias Schwarzott <zzam@gentoo.org>
 Copyright (C) 2013-2014 Lubomir Rintel
 Copyright (C) 2013-2014 Linaro Ltd. Author: Jassi Brar <jassisinghbrar@gmail.com>
 Copyright (C) 1998-2014 Jens Axboe
 Copyright (C) 2013-2014 Intel Mobile Communications GmbH
 Copyright (C) 2013-2014 Google, Inc Simon Glass <sjg@chromium.org>
 Copyright (C) 2001-2014 Christoph Hellwig
 Copyright (C) 2013-2014 Allwinner Tech Co., Ltd Author: Sugar <shuge@allwinnertech.com>
 Copyright (C) 2012-2014 Alexander Shiyan <shc_work@mail.ru>
 Copyright (C) 2013-2014 Aaro Koskinen <aaro.koskinen@iki.fi>
 Copyright (C) 2013-14 Renesas Solutions Corp.
 Copyright (C) 2013-14 Intel Corp Author: Ramesh Babu <ramesh.babu.koul@intel.com> Omair
 M Abdullah <omair.m.abdullah@intel.com> Samreen Nilofer <samreen.nilofer@intel.com>
 Copyright (C) 2013-14 Intel Corp Author: Omair Mohammed Abdullah
 <omair.m.abdullah@intel.com> Vinod Koul <vinod.koul@intel.com>
 Copyright (C) 2013-2014 Samsung Electronics Krzysztof Kozlowski
 <k.kozlowski@samsung.com>
 Copyright (C) 2013-2014 Samsung Electronics Chanwoo Choi <cw00.choi@samsung.com>
 Krzysztof Kozlowski <k.kozlowski@samsung.com>
 Copyright (C) 2013-2014 Fred Richter <frichter@hauppauge.com>
 Copyright (C) 2013, Sylwester Nawrocki <sylvester.nawrocki@gmail.com>
 Copyright (C) 2013, Seth Jennings, IBM
 Copyright (C) 2013, Samsung Electronics Co., Ltd. Andrzej Hajda <a.hajda@samsung.com>
 Copyright (C) 2013, Obsidian Research Corp. Jason Gunthorpe
 <jgunthorpe@obsidianresearch.com>
 Copyright (C) 2013, Noralf Tronnes
 Copyright (C) 2013, NVIDIA Corporation. All rights reserved.
 Copyright (C) 2013, Microsoft, Inc. Author : K. Y. Srinivasan <kys@microsoft.com>
 Copyright (C) 2013, Michael Ellerman, IBM Corporation.
 Copyright (C) 2013, Michael (Ellerman|Neuling), IBM Corporation.
 Copyright (C) 2013, LG Electronics, Kyungsik Lee <kyungsik.lee@lge.com>
 Copyright (C) 2013, Jonas Jensen <jonas.jensen@gmail.com>
 Copyright (C) 2013, Intel Corporation Rafael J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2013, Intel Corporation Authors: Mika Westerberg
 <mika.westerberg@linux.intel.com> Rafael J. Wysocki <rafael.j.wysocki@intel.com>

Copyright (C) 2013, Intel Corporation Authors: Mika Westerberg
 <mika.westerberg@linux.intel.com> Heikki Krogerus <heikki.krogerus@linux.intel.com>
 Copyright (C) 2013, Intel Corporation Authors: Lan Tianyu <tianyu.lan@intel.com>
 Copyright (C) 2013, Intel Corporation Authors: Andy Shevchenko
 <andriy.shevchenko@linux.intel.com> Mika Westerberg <mika.westerberg@linux.intel.com>
 Copyright (C) 2013, Intel Corporation Author: Andy Shevchenko
 <andriy.shevchenko@linux.intel.com>
 Copyright (C) 2013, Carlo Caione <carlo@caione.org>
 Copyright (C) 2013, Apelete Seketeli <apelete@seketeli.net>
 Copyright (C) 2013, Angelo Compagnucci Author: Angelo Compagnucci
 <angelo.compagnucci@gmail.com>
 Copyright (C) 2013, Andrew Lunn <andrew@lunn.ch>
 Copyright (C) 2013, 2014 Red Hat, Inc. Author: Mark Salter <msalter@redhat.com>
 Copyright (C) 2013, 2014 Linaro Ltd; <roy.franz@linaro.org>
 Copyright (C) 2012-2014 Horms Solutions Ltd.
 Copyright (C) 2013, 2013 Red Hat, Inc. Dave Young <dyoung@redhat.com>
 Copyright (C) 2013 by John Crispin <blogic@openwrt.org>
 Copyright (C) 2013 by Adfin Solutions, Inc. All Rights Reserved. Written by Milosz Tanski
 (milosz@adfin.com)
 Copyright (C) 2013 ams
 Copyright (C) 2013 Xsens <info@xsens.com>
 Copyright (C) 2013 Xilinx Inc.
 Copyright (C) 2013 Xenia Ragiadakou
 Copyright (C) 2013 William Markezana <william.markezana@meas-spec.com>
 Copyright (C) 2013 Wesley W. Terpstra <w.terpstra@gsi.de>
 Copyright (C) 2013 Wei Shuai <cpuwolf@gmail.com>
 Copyright (C) 2007-2013 VMware, Inc. All rights reserved.
 Copyright (C) 2011-2013 Tony Breeds IBM Corporation
 Copyright (C) 2012-2013 Tomasz Figa <tomasz.figa@gmail.com>
 Copyright (C) 2013 Tom Zanussi <tom.zanussi@linux.intel.com>
 Copyright (C) 2013 Tom St Denis <tstdenis@elliptictech.com>
 Copyright (C) 2013 Tom Gundersen <teg@jklm.no>
 Copyright (C) 2013 Thomas Langer, Lantiq Deutschland
 Copyright (C) 2013 The IMS Company
 Copyright (C) 2013 Texas Instruments. Murali Karicheri <m-karicheri2@ti.com> Santosh
 Shilimkar <santosh.shilimkar@ti.com>
 Copyright (C) 2013 Texas Instruments, Inc. Cyril Chemparathy <cyril@ti.com> Santosh
 Shilimkar <santosh.shilimkar@ti.com>
 Copyright (C) 2013 Texas Instruments Incorporated. Contact: Eduardo Valentin
 <eduardo.valentin@ti.com> Tero Kristo <t-kristo@ti.com>
 Copyright (C) 2013 Texas Instruments Incorporated. Author: Sourav Poddar
 <sourav.poddar@ti.com>
 Copyright (C) 2013 Texas Instruments Incorporated. Author: Felipe Balbi <balbi@ti.com>
 Copyright (C) 2012-2013 Texas Instruments Incorporated. Eduardo Valentin
 <eduardo.valentin@ti.com>
 Copyright (C) 2013 Texas Instruments Incorporated. Author: Sricharan R <r.sricharan@ti.com>
 Copyright (C) 2013 Texas Instruments Incorporated. Author: Rajendra Nayak <rnayak@ti.com>
 Copyright (C) 2013 Texas Instruments Inc. Murali Karicheri <m-karicheri2@ti.com> Santosh
 Shilimkar <santosh.shilimkar@ti.com>
 Copyright (C) 2013 Texas Instruments Inc. Contact: Eduardo Valentin
 <eduardo.valentin@ti.com> Tero Kristo <t-kristo@ti.com>
 Copyright (C) 2013 Texas Instruments Eduardo Valentin <eduardo.valentin@ti.com>
 Copyright (C) 2013 Texas Instruments Author: Tomi Valkeinen <tomi.valkeinen@ti.com> Archit
 Taneja <archit@ti.com>
 Copyright (C) 2013 Terry Lam <vtlam@google.com>

Copyright (C) 1999-2013 Tensilica Inc.
Copyright (C) 2013 TangoTec Ltd. Author: Baruch Siach <baruch@tkos.co.il>
Copyright (C) 2013 TangoTec Ltd.
Copyright (C) 2012-2013 Takashi Yoshii <takashi.yoshii.ze@renesas.com>
Copyright (C) 2012-2013 Sylwester Nawrocki <sylvester.nawrocki@gmail.com>
Copyright (C) 2013 SuSE Labs Borislav Petkov <bp@suse.de>
Copyright (C) 2012-2013 Stephen Warren
Copyright (C) 2010-2013 Stefani Seibold <stefani@seibold.net>
Copyright (C) 2013 Stefan Kristiansson, stefan.kristiansson@saunalahti.fi
Copyright (C) 2013 Solarflare Communications Author: Ben Hutchings
Copyright (C) 2013 Smoothwall Ltd. <vytas.dauksa@smoothwall.net>
Copyright (C) 2013 Sirius Electronic Systems
Copyright (C) 2013 Simon Horman
Copyright (C) 2013 Simon Baatz <gmbnomis@gmail.com>
Copyright (C) 2013 Shuah Khan <shuah.kh@samsung.com>
Copyright (C) 2013 Shaohua Li <shli@kernel.org>
Copyright (C) 2013 Sergey Lapin <slapin@ossfans.org>
Copyright (C) 2013 Seiji Aguchi <seiji.aguchi@hds.com>
Copyright (C) 2009-2013 Sascha Hauer <s.hauer@pengutronix.de>
Copyright (C) 2010-2013 Samsung Electronics Co.Ltd
Copyright (C) 2013 Samsung Electronics Co., Ltd. Tomasz Figa <t.figa@samsung.com>
Copyright (C) 2013 Samsung Electronics Co., Ltd. Authors: Kamil Debski
<k.debski@samsung.com>
Copyright (C) 2013 Samsung Electronics Co., Ltd. Authors: Girish K S <ks.giri@samsung.com>
Yuvaraj Kumar C D <yuvaraj.cd@samsung.com>
Copyright (C) 2011-2013 Samsung Electronics Co., Ltd. Author: Sylwester Nawrocki
<s.nawrocki@samsung.com>
Copyright (C) 2013 Samsung Electronics Co., Ltd. Author: Kamil Debski
<k.debski@samsung.com>
Copyright (C) 2012-2013 Samsung Electronics Co., Ltd. Author: Jingoo Han
<jg1.han@samsung.com>
Copyright (C) 2013 Samsung Electronics Co., Ltd. Author: Beomho Seo
<beomho.seo@samsung.com>
Copyright (C) 2011-2013 STRATO AG. All rights reserved.
Copyright (C) 2013 STMicroelectronics R&D Limited stlinux-devel@stlinux.com>
Copyright (C) 2013 STMicroelectronics Limited Author: Stephen Gallimore
<stephen.gallimore@st.com>
Copyright (C) 2013 STMicroelectronics (R&D) Limited. Authors: Srinivas Kandagatla
<srinivas.kandagatla@st.com>
Copyright (C) 2013 STMicroelectronics (R&D) Limited. Author: Stuart Menefy
<stuart.menefy@st.com> Author: Srinivas Kandagatla <srinivas.kandagatla@st.com>
Copyright (C) 2013 STMicroelectronics (R&D) Limited. Author: Srinivas Kandagatla
<srinivas.kandagatla@st.com>
Copyright (C) 2013 STMicroelectronics (R&D) Limited Author: Stephen Gallimore
<stephen.gallimore@st.com> Author: Srinivas Kandagatla <srinivas.kandagatla@st.com>
Copyright (C) 2013 STMicroelectronics (R&D) Limited Author: Stephen Gallimore
<stephen.gallimore@st.com>
Copyright (C) 2012-2013 ST-Ericsson SA Author: Ulf Hansson <ulf.hansson@linaro.org>
Copyright (C) 2013 ST-Ericsson AB. Author: Linus Walleij <linus.walleij@linaro.org>
Copyright (C) 2013 SKTB SKiT.
Copyright (C) 2013 Runzhen Wang, IBM Corporation.
Copyright (C) 2013 Rostislav Lisovy <lisovy@gmail.com>
Copyright (C) 2013 Roman Rolinsky
Copyright (C) 2011-2013 Richard Weinberger <richrd@nod.at>
Copyright (C) 2013 Richard Weinberger <richard@nod.at>

Copyright (C) 2013 Renesas Electronics, Inc.
Copyright (C) 2013 Renesas Electronics Inc. Author: Guennadi Liakhovetski
<g.liakhovetski@gmx.de>
Copyright (C) 2013 Renesas Corporation
Copyright (C) 2011-2013 Red Hat, Inc., Frederic Weisbecker <fweisbec@redhat.com>
Copyright (C) 2013 Red Hat, Inc., Dave Young <dyoung@redhat.com>
Copyright (C) 2013 Red Hat, Inc. Mark Salter <msalter@redhat.com>
Copyright (C) 2013 Red Hat, Inc. Author: Daniel Borkmann <dborkman@redhat.com> Chetan
Loke <loke.chetan@gmail.com>
Copyright (C) 2013 Red Hat Inc. All Rights Reserved
Copyright (C) 2013 Realtek Semiconductor Corp. Author: Oder Chiou
<oder_chiou@realtek.com>
Copyright (C) 2013 Qtechnology A/S
Copyright (C) 2013 Qiang Yu <yuq825@gmail.com>
Copyright (C) 2010-2013 Politecnico di Torino, Italy TORSEC group.
Copyright (C) 2009-2013 Philipp Zabel
Copyright (C) 2012-2013 Peter Hurley <peter@hurleysoftware.com>
Copyright (C) 2013 Peter Chen
Copyright (C) 2013 Pengutronix e.K.
Copyright (C) 2009-2013 Pengutronix Uwe Kleine-Koenig <u.kleine-koenig@pengutronix.de>
Copyright (C) 2013 Pengutronix Author: Markus Pargmann <mpa@pengutronix.de>
Copyright (C) 2013 Patrik Jakobsson
Copyright (C) 2013 Paratronic, Richard Genoud <richard.genoud@gmail.com>
Copyright (C) 2013 Oskar Andero <oskar.andero@gmail.com>
Copyright (C) 2013 OpenVPN Technologies, Inc. All rights reserved.
Copyright (C) 2013 Olliver Schinagl <oliver@schinagl.nl>
Copyright (C) 2013 Oliver Smith.
Copyright (C) 2013 Obsidian Research Corp Jason Gunthorpe
<jgunthorpe@obsidianresearch.com>
Copyright (C) 2013 Noralf Tronnes. All Rights Reserved.
Copyright (C) 2013 Newflow Ltd.
Copyright (C) 2013 Naveen Krishna Chatradhi <ch.naveen@samsung.com>
Copyright (C) 2013 Nandita Dukkupati <nanditad@google.com>
Copyright (C) 2013 NVIDIA CORPORATION, All rights reserved.
Copyright (C) 2013 Milan Broz <gmazyland@gmail.com>
Copyright (C) 2013 Michael Stapelberg <michael@stapelberg.de>
Copyright (C) 2013 Michael Heimpold <mhei@heimpold.de>
Copyright (C) 2013 Michael Ellerman, Guo Chao, IBM Corp.
Copyright (C) 2013 Maxime Hadjinlian <maxime.hadjinlian@gmail.com>
Copyright (C) 2010-2013 Maxim Levitsky <maximlevitsky@gmail.com>
Copyright (C) 2007-2014 Mauro Carvalho Chehab
Copyright (C) 2013 Matthew Garrett <mjg59@srcf.ucam.org>
Copyright (C) 2013 Marvell Inc. Author: Chao Xie <xiechao.mail@gmail.com>
Copyright (C) 2013 Mark Salter <msalter@redhat.com>
Copyright (C) 2000-2014 Maciej W. Rozycki
Copyright (C) 2013 MEN Mikroelektronik GmbH. Author: Johannes Thumshirn
<johannes.thumshirn@men.de>
Copyright (C) 2013 Luis Alves <ljalvs@gmail.com>
Copyright (C) 2013 Ludovic Desroches <ludovic.desroches@atmel.com>
Copyright (C) 2013 Lucas Stach, Pengutronix <l.stach@pengutronix.de>
Copyright (C) 2013 Lubomir Rintel <lkundrak@v3.sk>
Copyright (C) 2012-2013 Linux Foundation
Copyright (C) 1991-2013 Linus Torvalds
Copyright (C) 2013 Linaro.
Copyright (C) 2013 Linaro, Ltd.

Copyright (C) 2012-2013 Linaro, Inc
 Copyright (C) 2013 Linaro Ltd. Written by: David A. Long
 Copyright (C) 2013 Linaro Limited. Written by: Yi Li (yi.li@linaro.org)
 Copyright (C) 2013 Linaro Limited Matt Porter <mporter@linaro.org>
 Copyright (C) 2013 Lee Jones <lee.jones@linaro.org>
 Copyright (C) 2013 LSI
 Copyright (C) 2011-2013 Kuninori Morimoto <kuninori.morimoto.gx@renesas.com>
 Copyright (C) 2013 Kosagi.
 Copyright (C) 2013 Kirill V Tkhai (tkhai@yandex.ru)
 Copyright (C) 2013 Jonas Jensen <jonas.jensen@gmail.com>
 Copyright (C) 2013 Jean-Jacques Hiblot <jhiblot@traphandler.com>
 Copyright (C) 2011-2013 Jean-Christophe PLAGNIOL-VILLARD <plagnioj@jcrosoft.com>
 Copyright (C) 2013 James Chapman <jchapman@katalix.com>
 Copyright (C) 2013 Intel, Inc. Author: Mike Lockwood <lockwood@android.com>
 Copyright (C) 2012-2013 Intel, Inc.
 Copyright (C) 2013 Intel Corporation Author: Tim Chen <tim.c.chen@linux.intel.com>
 Copyright (C) 2013 Intel Corporation Author: Sathyanarayanan Kuppuswamy
 <sathyanarayanan.kuppuswamy@intel.com>
 Copyright (C) 2013 Intel Corporation Author: Bin Gao <bin.gao@intel.com>
 Copyright (C) 2013 Intel Corp. Author: Chen, Gong <gong.chen@intel.com>
 Copyright (C) 2013 Inktank Storage, Inc.
 Copyright (C) 2013 Imaginaton Technologies Ltd.
 Copyright (C) 2013 Ideas on board SPRL
 Copyright (C) 2013 Ideas On Board SPRL
 Copyright (C) 2013 ISEE.
 Copyright (C) 2013 ISEE 2007 SL.
 Copyright (C) 2011-2013 IBM Corporation Author: Mahesh Salgaonkar
 <mahesh@linux.vnet.ibm.com>
 Copyright (C) 2013 IBM Corp. All rights reserved. Author: Alexey Kardashevskiy
 <aik@ozlabs.ru>
 Copyright (C) 2013 Huawei Tech. Co., Ltd. Jiang Liu <jiang.liu@huawei.com>
 Copyright (C) 2013 Huawei Ltd. Author: Jiang Liu <liuj97@gmail.com>
 Copyright (C) 2013 Henrik Nordström <Henrik Nordström>
 Copyright (C) 2013 HUAWEI Author: Cai Zhiyong <caizhiyong@huawei.com>
 Copyright (C) 2009-2013 Guennadi Liakhovetski <g.liakhovetski@gmx.de>
 Copyright (C) 2013 Guangliang Zhao, <lu cienchao@gmail.com>
 Copyright (C) 2013 Greg Ungerer <gerg@uclinux.org>
 Copyright (C) 2009-2013 Google, Inc., Stephane Eranian
 Copyright (C) 2013 Golden Delicious Computers Nikolaus Schaller <hns@goldelico.com>
 Copyright (C) 2013 Golden Delicious Computers Lukas Märdian <lukas@goldelico.com>
 Copyright (C) 2013 GnuBIO Inc
 Copyright (C) 2013 Geschwister Schneider Technologie-, Entwicklungs- und Vertriebs UG
 (Haftungsbeschränkt).
 Copyright (C) 2013 GSI Helmholtz Centre for Heavy Ion Research GmbH
 Copyright (C) 2013 Fusion IO. All rights reserved.
 Copyright (C) 2013 Fujitsu.
 Copyright (C) 2013 Freescale Semiconductor, Inc. Author: Varun Sethi
 <varun.sethi@freescale.com>
 Copyright (C) 2013 Freescale Semiconductor, Inc. Author: Dongsheng Wang
 <Dongsheng.Wang@freescale.com> Li Yang <leoli@freescale.com>
 Copyright (C) 2012-2013 Frank Schäfer <fschaefer.oss@googlemail.com>
 Copyright (C) 2013 Faraday Technology Corporation Author: Yuan-Hsin Chen
 <yhchen@faraday-tech.com>
 Copyright (C) 2013 Faraday Technology Corporation
 Copyright (C) 2013 Ezequiel Garcia <ezequiel@free-electrons.com>

Copyright (C) 2013 Eukréa Electromatique <eric@eukrea.com>
 Copyright (C) 2013-2013 Eukréa Electromatique <denis@eukrea.com>
 Copyright (C) 2013 Enrico Mioso <mrkiko.rs@gmail.com>
 Copyright (C) 2013 Emilio López <emilio@elopez.com.ar>
 Copyright (C) 2013 Emilio López
 Copyright (C) 2013 Eduardo Valentin <eduardo.valentin@ti.com>
 Copyright (C) 2013 Du, Changbin <changbin.du@gmail.com>
 Copyright (C) 2013 Douglas Gilbert <dgilbert@interlog.com>, Robert Nelson
 <robertcnelson@gmail.com>
 Copyright (C) 2013 Douglas Gilbert <dgilbert@interlog.com>
 Copyright (C) 2013 Dmitriy B. <rz333@gmail.com>
 Copyright (C) 2013 Davidlohr Bueso <davidlohr@hp.com>
 Copyright (C) 2013 Davidlohr Bueso <davidlohr.bueso@hp.com>
 Copyright (C) 2013 David Herrmann <dh.herrmann@gmail.com>
 Copyright (C) 2013 Datera, Inc. Kent Overstreet
 Copyright (C) 2013 Daniel Tang <tangrs@tangrs.id.au>
 Copyright (C) 2011-2013 Daniel Mack <zonque@gmail.com>
 Copyright (C) 2013 Daniel Borkmann <dborkman@redhat.com>
 Copyright (C) 2006-2013 DENX Software Engineering
 Copyright (C) 2012-2013 Cypress Semiconductor
 Copyright (C) 2013-2013 Crystalfontz America, Inc.
 Copyright (C) 2013 Craig McGeachie
 Copyright (C) 2013 Christian Hemp, Phytect Messtechnik GmbH
 Copyright (C) 2013 Chen-Yu Tsai
 Copyright (C) 2013 Chanho Min <chanho.min@lge.com>
 Copyright (C) 2013 Cavium, Inc. Authors: Sanjay Lal <sanjayl@kymasys.com>
 Copyright (C) 2013 Cavium Inc. Author: Vijaya Kumar K <vijaya.kumar@caviumnetworks.com>
 Copyright (C) 2011-2013 Carsten Emde <C.Emde@osadl.org>
 Copyright (C) 2009-2013 Canonical Ltd.
 Copyright (C) 2013 CSC Australia Pty. Ltd.
 Copyright (C) 2012-2013 CERN. Author: Alessandro Rubini <rubini@gnudd.com>
 Copyright (C) 2013 Bruno Randolf <br1@einfach.org>
 Copyright (C) 2013 Boris BREZILLON <b.brezillon@overkiz.com>
 Copyright (C) 2013 Boris BREZILLON <b.brezillon.dev@gmail.com>
 Copyright (C) 2013 Benjamin Tissoires <benjamin.tissoires@gmail.com>
 Copyright (C) 2013 BayHub Technology Ltd.
 Copyright (C) 2008-2013 Avionic Design GmbH
 Copyright (C) 2013 Atmel, 2013 Ludovic Desroches <ludovic.desroches@atmel.com>
 Copyright (C) 2013 Atmel, 2013 Josh Wu <josh.wu@atmel.com>
 Copyright (C) 2013 Atmel Corporation Bo Shen <voice.shen@atmel.com>
 Copyright (C) 2013 Armadeus Systems - <support@armadeus.com>
 Copyright (C) 2013 Anshuman Khandual, IBM Corporation.
 Copyright (C) 2013 Andrey Smirnov <andrew.smirnov@gmail.com>
 Copyright (C) 2013 Andrey Smirnov
 Copyright (C) 2013 Andrey Moiseev <o2g.org.ru@gmail.com>
 Copyright (C) 2012-2013 Andrew Lunn <andrew@lunn.ch>
 Copyright (C) 2003-2014 Analog Devices Inc.
 Copyright (C) 2013 Amarula Solutions
 Copyright (C) 2013 Alistair Popple, IBM Corp
 Copyright (C) 2013 Aeroflex Gaisler AB
 Copyright (C) 2012-2013 Abilis Systems
 Copyright (C) 2013 ARM Ltd. Sudeep KarkadaNagesha <sudeep.karkadanagesha@arm.com>
 Copyright (C) 2013 AMS AG
 Copyright (C) 2013 - Virtual Open Systems Author: Antonios Motakis
 <a.motakis@virtualopensystems.com>

Copyright (C) 2013 - Rodolfo Giometti <giometti@linux.it> HCE Engineering
Copyright (C) 2013 - 2015 Fujitsu Semiconductor, Ltd Vincent Yang
<vincent.yang@tw.fujitsu.com>
Copyright (C) 2013-2015 Linaro Ltd <ard.biesheuvel@linaro.org>
Copyright (C) 2013-2015 Intel Mobile Communications GmbH All rights reserved.
Copyright (C) 2012-2015 Spreadtrum Communications Inc.
Copyright (C) 2006-2015 Google, Inc
Copyright (C) 2004-2015 Emulex. All rights reserved.
Copyright (C) 2012-2015 Cisco Systems, Inc. and/or its affiliates. All rights reserved.
Copyright (C) 2008-2014 Wolfson Microelectronics plc
Copyright (C) 2012-2014 Philipp Zabel, Pengutronix
Copyright (C) 2012-2014 NVIDIA Corporation. All rights reserved.
Copyright (C) 2012-2014 Mentor Graphics Inc.
Copyright (C) 2012-2014 LSI Corporation mailto:DL-MPTFusionLinux@lsi.com)
Copyright (C) 2009-2014 LSI Corporation
Copyright (C) 2012-2014 John McMaster <JohnDMcMaster@gmail.com>
Copyright (C) 2012-2014 Cisco Systems
Copyright (C) 2012-2014 Canonical Ltd Authors: Rob Clark <robdclark@gmail.com> Maarten
Lankhorst <maarten.lankhorst@canonical.com>
Copyright (C) 2012-2014 Canonical Ltd (Maarten Lankhorst)
Copyright (C) 2012-2014 Boris BREZILLON <b.brezillon@overkiz.com> 2014-2015 Gaël
PORTAY <g.portay@overkiz.com>
Copyright (C) 2006-2014 Antti Palosaari <crope@iki.fi>
Copyright (C) 2012-2014 ARM Ltd. Author: Marc Zyngier <marc.zyngier@arm.com>
Copyright (C) 2012-2013, Samsung Electronics, Co., Ltd. Andrzej Hajda
<a.hajda@samsung.com>
Copyright (C) 2009-2013 , Guennadi Liakhovetski <g.liakhovetski@gmx.de>
Copyright (C) 2012-2013 , Analog Devices Inc. Author: Lars-Peter Clausen <lars@metafoo.de>
Copyright (C) 2012-2014 Uwe Kleine-Koenig for Pengutronix
Copyright (C) 2011-2013 Tieto Poland
Copyright (C) 2012-2013 Texas Instruments, Inc. Andrii Tseglytskyi <andrii.tseglytskyi@ti.com>
Nishanth Menon <nm@ti.com>
Copyright (C) 2012-2013 Texas Instruments Incorporated. Keshava Munegowda
<keshava_mgowda@ti.com> Roger Quadros <rogerq@ti.com>
Copyright (C) 2012-2014 Stefan Roese <sr@denx.de>
Copyright (C) 2005-2013 Solarflare Communications Inc.
Copyright (C) 2012-2013 STMicroelectronics Inc.
Copyright (C) 2007-2013 Philippe De Muyter <phdm@macqel.be>
Copyright (C) 2012-2013 MundoReader S.L. Author: Heiko Stuebner <heiko@sntech.de>
Copyright (C) 2012-2013 MundoReader S.L.
Copyright (C) 2012-2013 Martin Liska <marxin.liska@gmail.com>
Copyright (C) 2012-2013 M2TECH S.r.l and Amarula Solutions B.V.
Copyright (C) 2010-2013 Linus Walleij
Copyright (C) 2012-2013 Linaro Ltd. Author: Haojian Zhuang <haojian.zhuang@linaro.org>
Copyright (C) 2011-2013 Jussi Kivilinna <jussi.kivilinna@mbnet.fi>
Copyright (C) 2012-2013 Cavium Inc., All Rights Reserved.
Copyright (C) 2012-2013 Allwinner Ltd.
Copyright (C) 2012-14 Renesas Solutions Corp. Kuninori Morimoto
<kuninori.morimoto.gx@renesas.com>
Copyright (C) 2012-14 Intel Corporation Author: Jeeja KP <jeeja.kp@intel.com> Omair
Mohammed Abdullah <omair.m.abdullah@intel.com> Vinod Koul ,vinod.koul@intel.com>
Copyright (C) 2012,2015 Eric Dumazet <edumazet@google.com>
Copyright (C) 2012,2013 Infineon Technologies
Copyright (C) 2012-2013 - ARM Ltd Author: Marc Zyngier <marc.zyngier@arm.com>
Copyright (C) 2012, by Texas Instruments

Copyright (C) 2012, Steven king <sfking@fdwdc.com>
 Copyright (C) 2009-2012 , Steven King <sfking@fdwdc.com>
 Copyright (C) 2012, Samsung Electronics, Co., Ltd. Sylwester Nawrocki
 <s.nawrocki@samsung.com> Andrzej Hajda <a.hajda@samsung.com>
 Copyright (C) 2012, Red Hat, Inc. Rafael Aquini <aquini@redhat.com>
 Copyright (C) 2012, Michel Lespinasse <walken@google.com>
 Copyright (C) 2012, Linaro, Sangwook Lee <sangwook.lee@linaro.org>
 Copyright (C) 2012, LG Electronics, Namhyung Kim <namhyung.kim@lge.com>
 Copyright (C) 2012, Kurt Van Dijck <kurt.van.dijck@eia.be>
 Copyright (C) 2012, Javier Martin, Vista Silicon S.L.
 Copyright (C) 2012, Intel Corporation Authors: Mika Westerberg
 <mika.westerberg@linux.intel.com> Mathias Nyman <mathias.nyman@linux.intel.com> Rafael
 J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2012, Intel Corp. Author: Rafael J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2012, Insignal Co., Ltd, Homin Lee <suapapa@insignal.co.kr>
 Copyright (C) 2012, Greg Ungerer <gerg@uclinux.com>
 Copyright (C) 2012, Fabio Baltieri <fabio.baltieri@gmail.com>
 Copyright (C) 2012, Anish Kumar <anish198519851985@gmail.com>
 Copyright (C) 2003-2014 Jean Delvare <jdelvare@suse.de>
 Copyright (C) 2012, 2013, 2014, 2015 Red Hat Inc, Arnaldo Carvalho de Melo
 <acme@redhat.com>
 Copyright (C) 2012, 2013 Minchan Kim
 Copyright (C) 1999-2013 MIPS Technologies, Inc. All rights reserved.
 Copyright (C) 2012, 2013 IBM Corp. Author(s): Hendrik Brueckner
 <brueckner@linux.vnet.ibm.com>
 Copyright (C) 2012 egnite GmbH <info@egnite.de>
 Copyright (C) 2012 by Servergy, Inc.
 Copyright (C) 2012 by Lemonage GmbH Author: Lars Poeschel <poeschel@lemonage.de> All
 rights reserved.
 Copyright (C) 2012 by Imagination Technologies Ltd.
 Copyright (C) 2012 by Hans Schillstrom <hans.schillstrom@ericsson.com>
 Copyright (C) 2007-2012 by Alan Stern
 Copyright (C) 2012 bct electronic GmbH
 Copyright (C) 2012 Xyratex Technology Limited
 Copyright (C) 2008-2012 Wolfson Microelectronics PLC. Author: Mark Brown
 <broonie@opensource.wolfsonmicro.com>
 Copyright (C) 2012 Wolfram Sang, Pengutronix <w.sang@pengutronix.de>
 Copyright (C) 2012 Vista Silicon SL Javier Martin <javier.martin@vista-silicon.com> Xavier
 Duret
 Copyright (C) 2012 Vista Silicon S.L. Javier Martin, <javier.martin@vista-silicon.com> Xavier
 Duret
 Copyright (C) 2012 Vista Silicon Javier Martin <javier.martin@vista-silicon.com>
 Copyright (C) 2012 Vayavya Labs Pvt. Ltd.
 Copyright (C) 2012 Variscite Ltd.
 Copyright (C) 2012 V Lab Technologies Teddy Reed <teddy@prosauce.org>
 Copyright (C) 2012 Tony Prisk <linux@prisktech.co.nz>
 Copyright (C) 2006-2012 Tino Reichardt
 Copyright (C) 2012 Tiler Corporation - All Rights Reserved
 Copyright (C) 2012 Thomas Petazzoni
 Copyright (C) 2012 Thomas Mair <thomas.mair86@googlemail.com>
 Copyright (C) 2012 Thomas Mair <thomas.mair86@gmail.com>
 Copyright (C) 2010-2012 Thomas Langer <thomas.langer@lantiq.com>
 Copyright (C) 2011-2012 The Chromium OS Authors
 Copyright (C) 2012 Texas Instruments, Inc.. Author: Tomi Valkeinen <tomi.valkeinen@ti.com>
 Copyright (C) 2012 Texas Instruments, Inc. Written by Tony Lindgren <tony@atomide.com>

Copyright (C) 2009-2012 Texas Instruments, Inc. Thara Gopinath <thara@ti.com>
Copyright (C) 2012 Texas Instruments Santosh Shilimkar <santosh.shilimkar@ti.com>
Sricharan <r.sricharan@ti.com>
Copyright (C) 2012 Texas Instruments Paul Walmsley
Copyright (C) 2012 Texas Instruments Ltd Author: Archit Taneja <archit@ti.com>
Copyright (C) 2012 Texas Instruments Incorporated. Author: Sebastian Andrzej Siewior
<bigeasy@linutronix.de>
Copyright (C) 2012 Texas Instruments Inc. Peter Ujfalusi <peter.ujfalusi@ti.com>
Copyright (C) 2012 Texas Instruments Author: Rob Clark <robdclark@gmail.com>
Copyright (C) 2011-2012 Texas Instruments Author: Rob Clark <rob.clark@linaro.org>
Copyright (C) 2012 Texas Instruments Author: Peter Ujfalusi <peter.ujfalusi@ti.com>
Copyright (C) 2012 Texas Instruments Author: Jon Hunter <jon-hunter@ti.com>
Copyright (C) 2012 Telit, 2012 Fabio Porcedda <fabio.porcedda@gmail.com>
Copyright (C) 2012 Sven Schnelle <svens@stackframe.org>
Copyright (C) 2012 Steffen Trumtrar, Pengutronix
Copyright (C) 2012 Steffen Trumtrar <s.trumtrar@pengutronix.de>, Pengutronix
Copyright (C) 2012 Stanislav Yakovlev <stas.yakovlev@gmail.com>
Copyright (C) 2012 Sonal Santan <sonal.santan@gmail.com>
Copyright (C) 2012 Simon Budig, <simon.budig@kernelconcepts.de> Daniel Wagener
<daniel.wagener@kernelconcepts.de>
Copyright (C) 2012 Simo Sorce <simo@redhat.com>
Copyright (C) 2012 Shuah Khan <shuahkhan@gmail.com>
Copyright (C) 2012 Shiraz Hashim <shiraz.linux.kernel@gmail.com>
Copyright (C) 2012 Seth Jennings <sjenning@linux.vnet.ibm.com>
Copyright (C) 2012 Sasha Levin <levinsasha928@gmail.com>
Copyright (C) 2012 Sascha Hauer, Uwe Kleine-König, Steffen Trumtrar and Markus Pargmann,
Pengutronix
Copyright (C) 2008-2012 Sascha Hauer, Pengutronix <s.hauer@pengutronix.de>
Copyright (C) 2004-2012 Sascha Hauer, Pengutronix
Copyright (C) 2005-2012 Sascha Hauer <s.hauer@pengutronix.de>, Pengutronix
Copyright (C) 2012 Sascha Hauer <kernel@pengutronix.de>
Copyright (C) 2012 Samsung Electronics. Kyungmin Park <kyungmin.park@samsung.com>
Tomasz Figa <t.figa@samsung.com>
Copyright (C) 2012 Samsung Electronics SangYoung Son <hello.son@smasung.com>
Copyright (C) 2010-2012 Samsung Electronics MyungJoo Ham
<myungjoo.ham@samsung.com>
Copyright (C) 2012 Samsung Electronics Jonghwa Lee <jonghwa3.lee@smasung.com>
Copyright (C) 2011-2012 Samsung Electronics Donggeun Kim <dg77.kim@samsung.com>
Copyright (C) 2012 Samsung Electronics Co.Ltd Authors: YoungJun Cho
<yj44.cho@samsung.com> Eunchul Kim <chulspro.kim@samsung.com>
Copyright (C) 2011-2012 Samsung Electronics Co.Ltd Authors: Joonyoung Shim
<jy0922.shim@samsung.com>
Copyright (C) 2012 Samsung Electronics Co.Ltd Authors: Inki Dae <inki.dae@samsung.com>
Copyright (C) 2012 Samsung Electronics Co.Ltd Authors: Eunchul Kim
<chulspro.kim@samsung.com> Jinyoung Jeon <jy0.jeon@samsung.com> Sangmin Lee
<lsmin.lee@samsung.com>
Copyright (C) 2012 Samsung Electronics Chiwoong Byun <woong.byun@smasung.com>
Jonghwa Lee <jonghwa3.lee@samsung.com>
Copyright (C) 2012 Samsung Electronics Chiwoong Byun <woong.byun@samsung.com>
Jonghwa Lee <jonghwa3.lee@samsung.com>
Copyright (C) 2012 Samsung Electronics Author: MyungJoo Ham
<myungjoo.ham@samsung.com>
Copyright (C) 2012 Samsung Electronics Author: Donggeun Kim <dg77.kim@samsung.com>
Author: MyungJoo Ham <myungjoo.ham@samsung.com>
Copyright (C) 2012 Samsung Electrnoics SangYoung Son <hello.son@samsung.com>

Copyright (C) 2012 Samsung Electronics Chiwoong Byun <woong.byun@samsung.com>
 Copyright (C) 2012 Samsung Electronics Chanwoo Choi <cw00.choi@samsung.com>
 Copyright (C) 2012 Samsung Electronics Jonghwa Lee <jonghwa3.lee@samsung.com>
 Copyright (C) 2012 Sachin Bhamare <sbhamare@panasas.com> Boaz Harrosh
 <ooo@electroaur.com>
 Copyright (C) 2012 STMicroelectronics Limited. Author: Srinivas Kandagatla
 <srinivas.kandagatla@st.com>
 Copyright (C) 2012 STEC, Inc.
 Copyright (C) 2012 ST Microelectronics author: Federico Vaga <federico.vaga@gmail.com>
 Copyright (C) 2012 ST Microelectronics Viresh Kumar <viresh.kumar@linaro.org>
 Copyright (C) 2012 ST Microelectronics Vipin Kumar <vipin.kumar@st.com>
 Copyright (C) 2012 ST Microelectronics Shiraz Hashim <shiraz.linux.kernel@gmail.com>
 Copyright (C) 2010-2012 ST Microelectronics Rajeev Kumar <rajeevkumar.linux@gmail.com>
 Copyright (C) 2012 ST Microelectronics Ltd. Shiraz Hashim <shiraz.linux.kernel@gmail.com>
 Copyright (C) 2012 ST Microelectronics Ltd. Deepak Sikri <deepak.sikri@st.com>
 Copyright (C) 2012 ST Microelectronics Deepak Sikri <deepak.sikri@st.com>
 Copyright (C) 2012 ST Ericsson Corporation
 Copyright (C) 2009-2012 Ryan Mallon <rmallon@gmail.com>
 Copyright (C) 2001-2012 Rusty Russell IBM Corporation
 Copyright (C) 2010-2012 Roland Stigge <stigge@antcom.de>
 Copyright (C) 2012 Roland Stigge
 Copyright (C) 2012 Robin Gareus <robin@gareus.org>
 Copyright (C) 2012 Rob Herring
 Copyright (C) 2011-2012 Richard Cochran <richardcochran@gmail.com>
 Copyright (C) 2012 Renesas Electronics Europe
 Copyright (C) 2012 Renesas Electronics Corporation Author: Guennadi Liakhovetski,
 <g.liakhovetski@gmx.de>
 Copyright (C) 2012 Renesas Electronics Corp. Author: Guennadi Liakhovetski
 <g.liakhovetski@gmx.de>
 Copyright (C) 2008-2012 Red Hat <mjg@redhat.com>
 Copyright (C) 2003-2012 Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2012 Rabin Vincent <rabin at rab.in>
 Copyright (C) 2012 ROHM CO.,LTD.
 Copyright (C) 2012 Philippe Reynes <tremyfr@yahoo.fr>
 Copyright (C) 2012 Phil Edworthy
 Copyright (C) 2012 Peter Meerwald <pmeerw@pmeerw.net>
 Copyright (C) 2011-2012 Paul Parsons <lost.distance@yahoo.com>
 Copyright (C) 2001-2012 Paul Mundt
 Copyright (C) 2010-2012 Paul Mackerras, IBM Corp. <paulus@au1.ibm.com>
 Copyright (C) 2012 Parallels Inc. and Google Inc. Authors: Glauber Costa and Suleiman Souhlal
 Copyright (C) 2012 Pantelis Antoniou <panto@antoniou-consulting.com>
 Copyright (C) 2012 Oracle Inc Author: Konrad Rzeszutek Wilk <konrad.wilk@oracle.com>
 Copyright (C) 2012 Open Kernel Labs <www.ok-labs.com>
 Copyright (C) 2012 Ondrej Zary <linux@rainbow-software.org>
 Copyright (C) 2012 Olivier Sobrie <olivier@sobrie.be>
 Copyright (C) 2012 Oliver Hartkopp <socketcan@hartkopp.net>
 Copyright (C) 2006-2012 OMICRON electronics GmbH
 Copyright (C) 2012 Nouveau Community
 Copyright (C) 2012 Nobuhiro Iwamatsu <iwamatsu@nigauri.org>
 Copyright (C) 2012 NetCommWireless Iwo Mergler <iwo.Mergler@netcommwireless.com.au>
 Copyright (C) 2012 National Instruments Corp.
 Copyright (C) 2012 National Instruments
 Copyright (C) 2012 MontaVista Software, LLC <source@mvista.com>
 Copyright (C) 2012 Mike Sinkovsky <msink@permonline.ru>
 Copyright (C) 2006-2014 Michael Krufky <mkrufky@linuxtv.org>

Copyright (C) 2006-2012 Michael Ellerman, IBM Corporation.
 Copyright (C) 2012 Michael D. Taht <dave.taht@bufferbloat.net>
 Copyright (C) 2012 Matthias Kaehlcke Author: Matthias Kaehlcke <matthias@kaehlcke.net>
 Copyright (C) 2012 Matt Evans & Michael Neuling, IBM Corporation.
 Copyright (C) 2012 Marvell Technology Ltd. Yunfan Zhang <yfzhang@marvell.com>
 Copyright (C) 2012 Marvell Technology Group Ltd. Authors: Guoqing Li <ligq@marvell.com>
 Lisa Du <cldu@marvell.com> Zhou Zhu <zzhu3@marvell.com>
 Copyright (C) 2012 Marvell Technology Group Ltd. Author: Haojian Zhuang
 <haojian.zhuang@marvell.com>
 Copyright (C) 2012 Marvell International Ltd. Qiao Zhou <zhouqiao@marvell.com>
 Copyright (C) 2012 Marvell International Ltd. Joseph(Yossi) Hanin <yhanin@marvell.com> Yi
 Zhang <yizhang@marvell.com>
 Copyright (C) 2012 Marvell International Ltd. Haojian Zhuang <haojian.zhuang@marvell.com>
 Qiao Zhou <zhouqiao@marvell.com>
 Copyright (C) 2012 Marvell International Ltd. Haojian Zhuang <haojian.zhuang@marvell.com>
 Joseph(Yossi) Hanin <yhanin@marvell.com> Qiao Zhou <zhouqiao@marvell.com>
 Copyright (C) 2012 Marvell Chao Xie <xiechao.mail@gmail.com>
 Copyright (C) 2012 Markus Pargmann, Pengutronix
 Copyright (C) 2010-2012 Malcolm Priestley (tvboxspy@gmail.com)
 Copyright (C) 2012 MIPS Technologies, Inc. All rights reserved. Authors: Yann Le Du
 <ledu@kymasys.com>
 Copyright (C) 2012 MIPS Technologies, Inc. All rights reserved. Authors: Sanjay Lal
 <sanjayl@kymasys.com>
 Copyright (C) 1999-2012 MIPS Technologies, Inc.
 Copyright (C) 2012 MIPS Technologies, Inc. All rights reserved. Steven J. Hill
 <sjhill@mips.com>
 Copyright (C) 2012 Lucas Stach <dev@lynxeye.de>
 Copyright (C) 2012-2012 Lothar Felten <l-felten@ti.com>
 Copyright (C) 2012 Linaro Ltd. Anton Vorontsov <anton.vorontsov@linaro.org>
 Copyright (C) 2012 Lemote, Inc. Author: Xiang Yu, xiangy@lemote.com Chen Huacai,
 chenhc@lemote.com
 Copyright (C) 2012 Laurent Cans <laurent.cans@gmail.com>
 Copyright (C) 2012 Lantiq GmbH
 Copyright (C) 2012 Konstantin Khlebnikov
 Copyright (C) 2012 Kent Yoder IBM Corporation
 Copyright (C) 2012 Johannes Goetzfried Johannes.Goetzfried@informatik.stud.uni-
 erlangen.de>
 Copyright (C) 2009-2012 Jeremy Kerr <jeremy.kerr@canonical.com>
 Copyright (C) 2008-2012 Jean-Francois Moine.
 Copyright (C) 2012 Javier Martinez Canillas <javier@dowhile0.org>
 Copyright (C) 2012 Jamie Lentin
 Copyright (C) 2012 Ivaylo Dimitrov <freemangordon@abv.bg>
 Copyright (C) 2012 Invensense, Inc.
 Copyright (C) 2012 Intel Corporation Author: Yuanhan Liu <yuanhan.liu@linux.intel.com>
 Copyright (C) 2012 Intel Corporation Author: Liu Jinsong <jinsong.liu@intel.com> Author: Jiang
 Yunhong <yunhong.jiang@intel.com>
 Copyright (C) 2012 Intel Corporation Author: Jim Kukunas <james.t.kukunas@linux.intel.com>
 Copyright (C) 2012 Intel Corporation Author: H. Peter Anvin <hpa@linux.intel.com>
 Copyright (C) 2008-2012 Intel Corp. All rights reserved.
 Copyright (C) 2012 Intel Corp Author: Durgadoss R <durgadoss.r@intel.com>
 Copyright (C) 2012 Intel Corp (tianyu.lan@intel.com)
 Copyright (C) 2012 Innovative Converged Devices(ICD)
 Copyright (C) 2012 Iain Paton <ipaton0@gmail.com>
 Copyright (C) 2012 IBM Corporation Author(s): Holger Dengler (hd@linux.vnet.ibm.com)
 Copyright (C) 2012 IBM Corporation Author(s): Heiko Carstens <heiko.carstens@de.ibm.com>

Copyright (C) 2012 Huacai Chen (chenhc@lemote.com)
 Copyright (C) 2011-2012 Hitachi, Ltd.
 Copyright (C) 2012 Hideki EIRAKU
 Copyright (C) 2012-2012 Hans-Frieder Vogt <hfvogt@gmx.net>
 Copyright (C) 2012 Hans Verkuil <hans.verkuil@cisco.com>
 Copyright (C) 2012 Google, Inc. Will Drewry <wad@chromium.org>
 Copyright (C) 2012 Google, Inc. Author: Kent Overstreet <koverstreet@google.com>
 Copyright (C) 2012 Fusion-io All rights reserved.
 Copyright (C) 2011-2012 Fujitsu. All rights reserved. Written by Miao Xie
 <miaox@cn.fujitsu.com>
 Copyright (C) 2012 Fenghua Yu <fenghua.yu@intel.com> H Peter Anvin" <hpa@zytor.com>
 Copyright (C) 2012 Federico Vaga <federico.vaga@gmail.com>
 Copyright (C) 2012 Ezequiel Garcia elezegarcia--a.t--gmail.com>
 Copyright (C) 2012 Emerson
 Copyright (C) 2012 Durgadoss R <durgadoss.r@intel.com>
 Copyright (C) 2012 Dialog Semiconductor GmbH
 Copyright (C) 2011-2012 Denis Carikli <GNUtoo@no-log.org>
 Copyright (C) 1995-2012 David S. Miller (davem@davemloft.net)
 Copyright (C) 2002-2012 David S. Miller <davem@davemloft.net>
 Copyright (C) 2003-2012 David Gibson, IBM Corporation.
 Copyright (C) 2012 Dario Faggioli <raistlin@linux.it>, Juri Lelli <juri.elli@gmail.com>, Michael
 Trimarchi <michael@amarulasolutions.com>, Fabio Checconi <fchecconi@gmail.com>
 Copyright (C) 2012 Daniel Mack
 Copyright (C) 2012 Dan Luedtke
 Copyright (C) 2012 Damien Zammit <damien@zamaudio.com>
 Copyright (C) 2012 Damian Hobson-Garcia
 Copyright (C) 2012 DENX Software Engineering, GmbH
 Copyright (C) 2008-2012 DENX Software Engineering GmbH Heiko Schocher <hs@denx.de>
 Copyright (C) 2012 DENX Software Engineering Anatolij Gustschin <agust@denx.de>
 Copyright (C) 2012 Creative Product Design Marc Reilly <marc@cpdesign.com.au>
 Copyright (C) 2012 CirrusLogic, Inc.
 Copyright (C) 2012 Chris Boot, Simon Arlott, Stephen Warren
 Copyright (C) 2012 Chris Boot
 Copyright (C) 2010-2012 Calxeda, Inc.
 Copyright (C) 2012 Bill Pemberton (wfp5p@virginia.edu)
 Copyright (C) 2012 Bertrand Achard.
 Copyright (C) 2012 Bernd Krumboeck (krumboeck@universalnet.at)
 Copyright (C) 2006-2012 Benjamin Herrenschmidt, IBM Corporation
 Copyright (C) 2012 Benjamin Herrenschmidt, IBM Corp.
 Copyright (C) 2012 Benjamin Herrenschmidt & Gavin Shan, IBM Corporation
 Copyright (C) 2012 Bastian Hecht <hechtb+renesas@gmail.com>
 Copyright (C) 2012 Bachmann electronic GmbH Christian Gmeiner
 <christian.gmeiner@gmail.com>
 Copyright (C) 2012 Atmel, 2012 Nicolas Ferre <nicolas.ferre@atmel.com>
 Copyright (C) 2012 Atmel, 2012 Hong Xu <hong.xu@atmel.com>
 Copyright (C) 2012 Armadeus Systems.
 Copyright (C) 2012 Armadeus Systems <support@armadeus.com>
 Copyright (C) 2012 Anatolij Gustschin <agust@denx.de>
 Copyright (C) 2012 Amit Daniel <amit.kachhap@linaro.org>
 Copyright (C) 2012 Altera.
 Copyright (C) 2012 Alfredo J. Delaiti <alfredodelaiti@netscape.net>
 Copyright (C) 2012 Alexandros C. Couloubis <alex@ozo.com>
 Copyright (C) 2012 Alexander Block. All rights reserved.
 Copyright (C) 2012 Alan Ott <alan@signal11.us>
 Copyright (C) 2009-2012 Advanced Micro Devices, Inc., Robert Richter

Copyright (C) 2012 Advanced Micro Devices, Inc. Author: Joerg Roedel
<joerg.roedel@amd.com>
Copyright (C) 2012 ARM Ltd. Authors: Will Deacon <will.deacon@arm.com> Catalin Marinas
<catalin.marinas@arm.com>
Copyright (C) 2012 ARM Ltd. Author: Marc Zyngier <marc.zyngier@arm.com>
Copyright (C) 2012 ARM Ltd. Will Deacon <will.deacon@arm.com>
Copyright (C) 2012 ARM Limited Author: Will Deacon <will.deacon@arm.com>
Copyright (C) 2012 AK signal Brno a.s. 2012 Jiri Prchal <jiri.prchal@aksignal.cz>
Copyright (C) 2012 - Virtual Open Systems and Columbia University Authors: Rusty Russell
<rusty@rustcorp.com.au> Christoffer Dall <c.dall@virtualopensystems.com>
Copyright (C) 2012 - Virtual Open Systems and Columbia University Authors: Rusty Russell
<rusty@rustcorp.com.au> Christoffer Dall <c.dall@virtualopensystems.com>
Copyright (C) 2012 - Virtual Open Systems and Columbia University Authors: Christoffer Dall
<c.dall@virtualopensystems.com>
Copyright (C) 2012 - Virtual Open Systems and Columbia University Author: Christoffer Dall
<c.dall@virtualopensystems.com>
Copyright (C) 2012 - Virtual Open Systems and Columbia University
Copyright (C) 2005-2014 Intel Corporation. All rights reserved. All rights reserved.
Copyright (C) 2012 - 2014 Allwinner Tech Pan Nan <pannan@allwinnertech.com>
Copyright (C) 2006-2012 (davem@davemloft.net)
Copyright (C) 2012 (ST) Rajeev Kumar (rajeevkumar.linux@gmail.com)
Copyright (C) 2012 <LW@KARO-electronics.de>
Copyright (C) 2011. Freescale Inc. All rights reserved.
Copyright (C) 2011-2015 Texas Instruments Incorporated. Santosh Shilimkar
<santosh.shilimkar@ti.com> Sricharan <r.sricharan@ti.com>
Copyright (C) 2003-2015 Bernd Porr, mail@berndporr.me.uk
Copyright (C) 2011-2014 Joshua Kinard <kumba@gentoo.org>.
Copyright (C) 2011-2014 Autronica Fire and Security AS
Copyright (C) 2011-2013 Texas Instruments, Inc. Santosh Shilimkar
<santosh.shilimkar@ti.com> Rajendra Nayak <rnayak@ti.com>
Copyright (C) 2011-2013 Texas Instruments Incorporated. Author: Keshava Munegowda
<keshava_mgowda@ti.com> Author: Roger Quadros <rogerq@ti.com>
Copyright (C) 2004-2013 Texas Instruments Inc.
Copyright (C) 2011-2013 Samsung India Software Operations
Copyright (C) 2010-2013 One Laptop Per Child
Copyright (C) 2010-2014 NVIDIA Corporation
Copyright (C) 2011-2015 Linus Walleij <linus.walleij@linaro.org>
Copyright (C) 2011-2013 Jonas Gorski <jonas.gorski@gmail.com>
Copyright (C) 2007-2013 Gabor Juhos <juhosg@openwrt.org>
Copyright (C) 2011-2013 Eric Dumazet (eric.dumazet@gmail.com)
Copyright (C) 2011-2013 ASIX
Copyright (C) 2011-2012 , Yann Collet.
Copyright (C) 2011-2012, Meador Inge, Mentor Graphics Corporation.
Copyright (C) 2005-2012 by Texas Instruments
Copyright (C) 2011-2012 Wolfram Sang, Pengutronix e.K.
Copyright (C) 2011-2013 Vayavya Labs Pvt Ltd
Copyright (C) 2011-2012 Van Jacobson <van@pollere.net>
Copyright (C) 2010-2012 Tobias Klauser <tklauser@distanz.ch>
Copyright (C) 2004-2014 Texas Instruments.
Copyright (C) 2011-2012 Texas Instruments, Inc. Paul Walmsley
Copyright (C) 2011-2012 Texas Instruments Incorporated. Author: J Keerthy <j-keerthy@ti.com>
Author: Moiz Sonasath <m-sonasath@ti.com>
Copyright (C) 2011-2013 Texas Instruments Inc. Contact: Eduardo Valentin
<eduardo.valentin@ti.com>
Copyright (C) 2011-2012 Synopsys.

Copyright (C) 2010-2013 ST-Ericsson SA.
 Copyright (C) 2011-2012 ST Microelectronics Author: Vincenzo Frascino
 <vincenzo.frascino@st.com>
 Copyright (C) 2007-2012 Red Hat, Inc., Peter Zijlstra
 Copyright (C) 2011-2012 Red Hat UK.
 Copyright (C) 2011-2012 Oracle Co. Liang Tang <liang.tang@oracle.com>
 Copyright (C) 2011-2012 One Laptop per Child Foundation.
 Copyright (C) 2011-2012 Nokia Corporation Contact: Sakari Ailus <sakari.ailus@iki.fi>
 Copyright (C) 2011-2012 NVIDIA CORPORATION. All Rights Reserved.
 Copyright (C) 2011-2012 Mike Turquette, Linaro Ltd <mturquette@linaro.org>
 Copyright (C) 2011-2012 Linaro Ltd <mturquette@linaro.org>
 Copyright (C) 2011-2012 LAPIS SEMICONDUCTOR Co., LTD.
 Copyright (C) 2011-2012 Kathleen Nichols <nichols@pollere.com>
 Copyright (C) 2011-2012 Julian Squires <julian@cipht.net>
 Copyright (C) 2007-2013 John Crispin <blogic@openwrt.org>
 Copyright (C) 2011-2015 International Business Machines Inc.
 Copyright (C) 2011-2012 CERN (www.cern.ch) Author: Samuel Iglesias Gonsalvez
 <siglesias@igalia.com>
 Copyright (C) 2011-2 Wolfson Microelectronics plc
 Copyright (C) 2011-12 Wolfram Sang, Pengutronix
 Copyright (C) 2011-12 Synopsys, Inc. (www.synopsys.com)
 Copyright (C) 2011,2013,2014 Linaro Limited.
 Copyright (C) 2011,2012 Toradex Inc.
 Copyright (C) 2011-2012 Nobuhiro Iwamatsu <nobuhiro.iwamatsu.yj@renesas.com>
 Copyright (C) 2011, Thomas Gleixner
 Copyright (C) 2011, Samsung Electronics Co., Ltd. Sylwester Nawrocki
 <s.nawrocki@samsung.com>
 Copyright (C) 2011, SUSE, Jan Kara <jack@suse.cz>
 Copyright (C) 2011, Picochip.
 Copyright (C) 2011, Nuvoton Technology Corporation. Dan Morav <dan.morav@nuvoton.com>
 Copyright (C) 2011, Netlogic Microsystems Inc.
 Copyright (C) 2011, Matt Porter
 Copyright (C) 2011, Maarten ter Huurne <maarten@treewalker.org>
 Copyright (C) 2011, Javier Martin <javier.martin@vista-silicon.com>
 Copyright (C) 2011, IBM Corporation Author: Suzuki Poulouse <suzuki@in.ibm.com>
 Copyright (C) 1999-2011 , Greg Ungerer (gerg@snapgear.com)
 Copyright (C) 2009-2011 , Greg Ungerer <gerg@uclinux.org>
 Copyright (C) 2011, Chetan Loke <loke.chetan@gmail.com>
 Copyright (C) 2011, Bastian Hecht <hechtb@gmail.com>
 Copyright (C) 2011, ARM Ltd.
 Copyright (C) 2010-2013 , NVIDIA Corporation
 Copyright (C) 2011-2012 , Hauke Mehrtens <hauke@hauke-m.de>
 Copyright (C) 2011-2012 by Wolfram Sang, Pengutronix e.K.
 Copyright (C) 2011-2012 STRATO. All rights reserved.
 Copyright (C) 2011-2012 Heiko Stuebner <heiko@sntech.de>
 Copyright (C) 2004-2015 Cavium, Inc.
 Copyright (C) 2011, 2012 Cavium Inc.
 Copyright (C) 2011, <loke@ccs.neu.edu>
 Copyright (C) 2011 taskit GmbH
 matt mooney <mfm@muteddisk.com> 2005-2008 Takahiro Hirofuchi
 Copyright (C) 2011 by Kevin Cernekee (cernekee@gmail.com)
 Copyright (C) 2011 by Bryan Wu <bryan.wu@canonical.com>
 Copyright (C) 2011 Yadwinder Singh (yadi.brar01@gmail.com) Jaswinder Singh
 (jaswinder.singh@linaro.org)

Copyright (C) 2011 Wolfson Microelectronics plc Mark Brown
<broonie@opensource.wolfsonmicro.com>
 Copyright (C) 2006-2011 Wolfson Microelectronics
 Copyright (C) 2011 Wistron Co.Ltd Joseph Lai <joseph_lai@wistron.com>
 Copyright (C) 2011 Wind River Systems, written by Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2009-2011 Wind River Systems, written by Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2011 Weinmann Medical GmbH Author: Nikolaus Voss <n.voss@weinmann.de>
 Copyright (C) 2011 Walter Goossens
 Copyright (C) 2011 Volkswagen Group Research
 Copyright (C) 2011 Vista Silicon S.L.
 Copyright (C) 2011 Thomas Renninger <trenn@novell.com> Novell Inc.
 Copyright (C) 2011 Thomas Chou
 Copyright (C) 2009-2011 Theodore Kilgore <kilgota@auburn.edu>
 Copyright (C) 2011 The AC100 Kernel Team <ac100@lists.launchpad.net>
 Copyright (C) 2011 The AC100 Kernel Team <ac100@lists.launchpad.net>
 Copyright (C) 2011 Texas Instruments, Inc.. Author: Peter Ujfalusi <peter.ujfalusi@ti.com>
 Copyright (C) 2011 Texas Instruments, Inc. Tero Kristo <t-kristo@ti.com>
 Copyright (C) 2007-2011 Texas Instruments, Inc. Rajendra Nayak <rnayak@ti.com>
 Copyright (C) 2011 Texas Instruments, Inc. Mike Turquette <mturquette@ti.com>
 Copyright (C) 2011 Texas Instruments Incorporated. Tarun Kanti DebBarma
<tarun.kanti@ti.com> Thara Gopinath <thara@ti.com>
 Copyright (C) 2011 Texas Instruments Incorporated. Contact: Eduardo Valentin
<eduardo.valentin@ti.com>
 Copyright (C) 2011 Texas Instruments Incorporated. Author: Rob Clark <rob@ti.com> Andy
Gross <andy.gross@ti.com>
 Copyright (C) 2010-2011 Texas Instruments Incorporated Author: Mark Salter
(msalter@redhat.com)
 Copyright (C) 2011 Texas Instruments Incorporated Author: Mark Salter <msalter@redhat.com>
 Copyright (C) 2011 Texas Instruments Author: Rob Clark <rob@ti.com>
 Copyright (C) 2011 Texas Instruments Author: Raja Mani <raja_mani@ti.com> Author:
Manjunatha Halli <manjunatha_halli@ti.com>
 Copyright (C) 2011 Texas Instruments Author: Mayuresh Janorkar <mayur@ti.com>
 Copyright (C) 2011 Texas Instruments Author: Chandrabhanu Mahapatra
<cmahapatra@ti.com>
 Copyright (C) 2010-2011 Texas Instruments Author: Archit Taneja <archit@ti.com>
 Copyright (C) 2011 Texas Corporation Felipe Balbi <balbi@ti.com> Santosh Shilimkar
<santosh.shilimkar@ti.com> Sricharan <r.sricharan@ti.com>
 Copyright (C) 2011 Taehun Kim <kth3321@ gmail.com>
 Copyright (C) 2009-2011 Steven Toth <stoth@kernellabs.com>
 Copyright (C) 2011 Steve Glendinning <steve.glendinning@shawell.net>
 Copyright (C) 2011 Stefan Hajnoczi <stefanha@gmail.com>
 Copyright (C) 2011 Sony Ericsson Mobile Communications Inc.
 Copyright (C) 2011 Sigfox
 Copyright (C) 2011 Samsung Electronics MyungJoo Ham <myungjoo.ham@smasung.com>
 Copyright (C) 2011 Samsung Electronics Ltd.
 Copyright (C) 2011 Samsung Electronics Donggeun Kim <dg77.kim@samsung.com> Amit
Daniel Kachhap <amit.kachhap@linaro.org>
 Copyright (C) 2011 Samsung Electronics Co.Ltd Authors: Seung-Woo Kim
<sw0312.kim@samsung.com> Inki Dae <inki.dae@samsung.com> Joonyoung Shim
<jy0922.shim@samsung.com>
 Copyright (C) 2011 Samsung Electronics Co.Ltd Authors: Joonyoung Shim
<jy0922.shim@samsung.com> Inki Dae <inki.dae@samsung.com>
 Copyright (C) 2009-2011 Samsung Electronics Co.Ltd Author: Joonyoung Shim
<jy0922.shim@samsung.com>

Copyright (C) 2011 Samsung Electronics Co.Ltd Author: Jingoo Han <jg1.han@samsung.com>
Author: Joonyoung Shim <jy0922.shim@samsung.com>
Copyright (C) 2011 Samsung Electronics Co.Ltd Author: Jingoo Han <jg1.han@samsung.com>
Copyright (C) 2011 Samsung Electronics Co., Ltd. MyungJoo.Ham
<myungjoo.ham@samsung.com>
Copyright (C) 2011 Samsung Electronics Co., Ltd. Kamil Debski, <k.debski@samsung.com>
Copyright (C) 2011 Samsung Electronics Co., Ltd. Author: HeungJun Kim
<riverful.kim@samsung.com>
Copyright (C) 2011 Samsung Electronics Co., Ltd. Kamil Debski, <k.debski@samsung.com>
Copyright (C) 2002-2011 Sam Ravnborg <sam@ravnborg.org>
Copyright (C) 2011 STRATO AG written by Arne Jansen <sensille@gmx.net>
Copyright (C) 2007-2011 STMicroelectronics Ltd
Copyright (C) 2011 ST-Ericsson SA Authors: Mian Yousaf Kaukab
<mian.yousaf.kaukab@stericsson.com> Praveena Nadahally
<praveen.nadahally@stericsson.com> Rajaram Regupathy
<ragupathy.rajaram@stericsson.com>
Copyright (C) 2011 Rostislav Lisovy <lisovy@gmail.com>, Czech Technical University in
Prague
Copyright (C) 2011 Richard Zhao, Linaro <richard.zhao@linaro.org>
Copyright (C) 2011 René Bolldorf <xsecute@googlemail.com>
Copyright (C) 2011 Red Hat, Inc., Don Zickus <dzickus@redhat.com>
Copyright (C) 2003-2015 Red Hat, Inc. All rights reserved.
Copyright (C) 2011 Realtek Microelectronics Author: Johnny Hsu <johnnyhsu@realtek.com>
Copyright (C) 2011 Raumfeld GmbH Author: Johannes Stezenbach <js@sig21.net>
Copyright (C) 1994-2011 Ralf Baechle
Copyright (C) 2011 Rafael J. Wysocki <rjw@sisk.pl>, Renesas Electronics Corp.
Copyright (C) 2011 RICOH COMPANY,LTD
Copyright (C) 2011 Pyramid Technical Consultants, Inc.
Copyright (C) 2011 ProFUSION Embedded Systems
Copyright (C) 2011 Prashant Shah, pshah.mumbai@gmail.com
Copyright (C) 2011 Picochip, Jamie Iles
Copyright (C) 2010-2011 Philippe Rétonnaz
Copyright (C) 2011 Peter Zijlstra
Copyright (C) 2011 PetaLogix Qld Pty Ltd Port to Microblaze
Copyright (C) 1996-2011 Paul Gortmaker.
Copyright (C) 2011 Patrice Chotard
Copyright (C) 2011 Parrot S.A.
Copyright (C) 2002-2011 Oracle. All rights reserved.
Copyright (C) 2010-2011 One Laptop per Child
Copyright (C) 2002-2011 OProfile authors
Copyright (C) 2011 Novell Co. Jan Beulich <JBeulich@suse.com>
Copyright (C) 2008-2011 Nokia Corporation and/or its subsidiary(-ies).
Copyright (C) 2007-2011 Nokia Corporation Paul Walmsley
Copyright (C) 2010-2011 Nokia Corporation Author: Matti J. Aaltonen
<matti.j.aaltonen@nokia.com>
Copyright (C) 2011 Nitin Gupta
Copyright (C) 2011 NetUP Inc. All rights reserved.
Copyright (C) 2011 Neil Brown <neil@brown.name>
Copyright (C) 2011 National Semiconductor
Copyright (C) 2009-2011 NXP Semiconductors
Copyright (C) 2011 MyungJoo Ham <myungjoo.ham@samsung.com>
Copyright (C) 2004-2011 Mike Christie
Copyright (C) 2011 Micron Technology, Inc.
Copyright (C) 2007-2013 Michal Simek <monstr@monstr.eu>
Copyright (C) 2011 Metropolia University of Applied Sciences, Electria R&D

Copyright (C) 2011 Meprolight, Ltd. Alex Gershgorin <alexg@meprolight.com>
 Copyright (C) 2011 Max Planck Institute for Gravitational Physics
 Copyright (C) 2011 Matt Evans <matt@ozlabs.org>, IBM Corporation
 Copyright (C) 2011 Marvell. <jyli@marvell.com>
 Copyright (C) 2011 Marvell International Ltd. All rights reserved. Author: Chao Xie
 <chao.xie@marvell.com> Neil Zhang <zhangwm@marvell.com>
 Copyright (C) 2008-2011 Marvell International Ltd. All rights reserved.
 Copyright (C) 2011 Martin Jansen <martin.jansen@opticon.com>
 Copyright (C) 2011 Martin Groszhauser <mgroszhauser@gmail.com>
 Copyright (C) 2011 Marius Bjoernstad Kotsbak <marius@kotsbak.com>
 Copyright (C) 2007-2011 Marek Vasut <marek.vasut@gmail.com>
 Copyright (C) 2011 Marc Dietrich <marvin24@gmx.de>
 Copyright (C) 2011 Manuel Lauss <manuel.lauss@googlemail.com>
 Copyright (C) 2011 Linaro Limited. Written by: Vincent Guittot
 Copyright (C) 2011 Linaro Limited. All rights reserved.
 Copyright (C) 2011 LAPIS Semiconductor Co., Ltd.
 Copyright (C) 2011 Kionix, Inc. Written by Chris Hudson <chudson@kionix.com>
 Copyright (C) 2011 Kees Cook <keescook@chromium.org>
 Copyright (C) 2011 Jon Medhurst <tixy@yxit.co.uk>.
 Copyright (C) 2011 Jiri Olsa <jolsa@redhat.com>
 Copyright (C) 2008-2011 Jean-François Moine.
 Copyright (C) 2011 Jean-Christophe PLAGNIOL-VILLARD <plagnioj@jcosoft.com>
 Copyright (C) 2010-2011 Jarod Wilson <jarod@redhat.com>
 Copyright (C) 2011 Jan Weitzel
 Copyright (C) 2011 James Nuss <jamesnuss@nanometrics.ca>
 Copyright (C) 2011 Ivan Djelic <ivan.djelic@parrot.com>
 Copyright (C) 2011 Intel Corporation Authors: Vinod Koul <vinod.koul@linux.intel.com> Pierre-
 Louis Bossart <pierre-louis.bossart@linux.intel.com>
 Copyright (C) 2011 Intel Corporation Authors: Pierre-Louis Bossart <pierre-
 louis.bossart@linux.intel.com> Vinod Koul <vinod.koul@linux.intel.com>
 Copyright (C) 2011 Intel Corporation Author: Andrzej Zaborowski <balrogg@gmail.com>
 Copyright (C) 2002-2011 Integrated Device Technology, Inc. All rights reserved.
 Copyright (C) 2011 Integrated Device Technology, Inc. Alexandre Bounine
 <alexandre.bounine@idt.com> Chul Kim <chul.kim@idt.com>
 Copyright (C) 2011 Instituto Nokia de Tecnologia
 Copyright (C) 2011 Ilya Yanok, EmCraft Systems
 Copyright (C) 2011 Igalia, S.L. Author: Javier M. Mellid <jmunhoz@igalia.com>
 Copyright (C) 2011 IBM Corporation Author(s): Martin Schwidefsky
 <schwidefsky@de.ibm.com>
 Copyright (C) 2011 IBM Corporation Author(s): Andreas Krebbel (krebbel@linux.vnet.ibm.com)
 Copyright (C) 2011 Guenter Roeck.
 Copyright (C) 2011 Google, Inc. All rights reserved.
 Copyright (C) 2011 Google Inc. All Rights Reserved
 Copyright (C) 2011 Fuel7, Inc. All rights reserved.
 Copyright (C) 2011 Freescale Semiconductor, Inc. Author: Zhang Jiejing
 <jiejing.zhang@freescale.com>
 Copyright (C) 2010-2011 Free Software Foundation, Inc. Contributed by Bernd Schmidt
 <bernds@codesourcery.com>.
 Copyright (C) 2010-2011 Florian Tobias Schandinat <FlorianSchandinat@gmx.de>
 Copyright (C) 2011 FUJITSU LIMITED. All rights reserved.
 Copyright (C) 2011 Ed Wildgoose <kernel@wildgooses.com> and Philip Prindeville
 <philipp@redfish-solutions.com>
 Copyright (C) 2009-2011 Dmitry Artamonow <mad_soft@inbox.ru>
 Copyright (C) 2011 David Kliekamp IBM Corporation
 Copyright (C) 2011 David Gibson, IBM Corporation <dwg@au1.ibm.com>

Copyright (C) 2009-2011 Daniel Hellstrom (daniel@gaisler.com) Aeroflex Gaisler AB
Copyright (C) 2011 DENX Software Engineering, Anatolij Gustschin <agust@denx.de>
Copyright (C) 2011 CompuLab, Ltd. Author: Mike Rapoport <mike@compulab.co.il>
Copyright (C) 2011 Christian König. All Rights Reserved.
Copyright (C) 2006-2011 Chris Boot <bootc@bootc.net>
Copyright (C) 2011 Cavium Networks, Inc. Author: Deng-Cheng Zhu
Copyright (C) 2011 Ben Hutchings.
Copyright (C) 2011 Ben Herrenschmidt, IBM Corp.
Copyright (C) 2009-2011 Becky Bruce, Freescale Semiconductor
Copyright (C) 2003-2011 Bartłomiej Zolnierkiewicz
Copyright (C) 2011 Bart Van Assche. All Rights Reserved.
Copyright (C) 2011 Azimut Ltd.
Copyright (C) 2011 Atmel, Nicolas Ferre <nicolas.ferre@atmel.com>
Copyright (C) 2011 Atmel, 2011 Nicolas Ferre <nicolas.ferre@atmel.com>, 2012 Joachim Eastwood <manabian@gmail.com>
Copyright (C) 2011 Atmel, 2011 Nicolas Ferre <nicolas.ferre@atmel.com>, 2011 Jean-Christophe PLAGNIOL-VILLARD <plagnioj@jcrosoft.com>
Copyright (C) 2011 Atmel, 2011 Nicolas Ferre <nicolas.ferre@atmel.com>
Copyright (C) 2011 Atmel Corporation Josh Wu, <josh.wu@atmel.com>
Copyright (C) 2011 Arvid Brodin <arvid.brodin@enea.com>
Copyright (C) 2007-2011 Arnaud Patard <arnaud.patard@rtp-net.org>
Copyright (C) 2011 AppearTV AS
Copyright (C) 2008-2011 Antonio Ospite <ospite@studenti.unina.it>
Copyright (C) 2004-2011 Anton Blanchard, IBM Corp. <anton@samba.org>
Copyright (C) 2011 Anssi Hannula <anssi.hannula@?ki.fi>
Copyright (C) 2011 Andre Heider <a.heber@gmail.com>
Copyright (C) 2011 Alexander Stein alexander.stein@systec-electronic.com>
Copyright (C) 2011 Aeroflex Gaisler AB, Daniel Hellstrom
Copyright (C) 2011 ARM Ltd. Written by Will Deacon <will.deacon@arm.com>
Copyright (C) 2010-2015 UNISYS CORPORATION All rights reserved.
Copyright (C) 2010-2013 Johan Hovold <jhovold@gmail.com>
Copyright (C) 2011 - 2012 Bryan Wu <bryan.wu@canonical.com>
Copyright (C) 2011 (ST) Vipin Kumar (vipin.kumar@st.com)
Copyright (C) 2011 (Alejandro Cabrera <aldaya@gmail.com>)
Copyright (C) 2011 Don Zickus Red Hat, Inc.
Copyright (C) 2010: YOSHIFUJI Hideaki <yoshfuji@linux-ipv6.org>
Copyright (C) 2010. Ilya Yanok, Emcraft Systems, yanok@emcraft.com
Copyright (C) 2007-2014 Xilinx, Inc. All rights reserved.
Copyright (C) 2010-2014 ST Microelectronics Pratyush Anand <pratyush.anand@gmail.com>
Mohit Kumar <mohit.kumar.dhaka@gmail.com>
Copyright (C) 2006-2014 Michael Krufky (mkrufky@linuxtv.org)
Copyright (C) 2010-2014 Intel Corp Author: Vinod Koul <vinod.koul@intel.com> Author: Harsha Priya <priya.harsha@intel.com>
Copyright (C) 2010-2013 Texas Instruments, Inc. Rajendra Nayak <rnayak@ti.com> Santosh Shilimkar <santosh.shilimkar@ti.com>
Copyright (C) 2010-2013 ST-Ericsson AB Mian Yousaf Kaukab <mian.yousaf.kaukab@stericsson.com> Avinash Kumar <avinash.kumar@stericsson.com>
Thirupathi Chippakurthy <thirupathi.chippakurthy@stericsson.com>
Copyright (C) 2010-2013 Nicholas A. Bellinger <nab@kernel.org>
Copyright (C) 2010-2013 LaCie
Copyright (C) 2004-2015 Felix Fietkau <nbd@openwrt.org>
Copyright (C) 2010-2013 Bluecherry, LLC.
Copyright (C) 2010-2012 , NVIDIA CORPORATION. All rights reserved.
Copyright (C) 2010-2012 by Dell Inc. All rights reserved.
Copyright (C) 2010-2012 by Bruno Prémont <bonbons@linux-vserver.org>

Copyright (C) 2010-2012 Texas Instruments Incorporated. Nishanth Menon Kevin Hilman Thara Gopinath
 Copyright (C) 2010-2012 Matthias Fuchs <matthias.fuchs@esd.eu>, esd gmbh
 Copyright (C) 2010-2012 Bojan Smojver <bojan@rexursive.com>
 Copyright (C) 2010-2012 Andreas Heider <andreas@meettr.de>
 Copyright (C) 2007-2012 Advanced Micro Devices, Inc. Author: Joerg Roedel <jroedel@suse.de>
 Copyright (C) 2010-2012 ADVANSEE.
 Copyright (C) 2010-2012 - NVIDIA, Inc.
 Copyright (C) 2010-2011 , Tobias Klauser <tklauser@distanz.ch>
 Copyright (C) 2010-2011, The Linux Foundation. All rights reserved.
 Copyright (C) 2010-2011 , Laurent Pinchart <laurent.pinchart@ideasonboard.com>
 Copyright (C) 2010-2011, 2013 Freescale Semiconductor, Inc.
 Copyright (C) 2010-2011 Thomas Graf <tgraf@redhat.com>
 Copyright (C) 2010-2011 Texas Instruments Incorporated. Authors: Yong Zhi Mythri pk <mythripk@ti.com>
 Copyright (C) 2010-2011 Samsung Electronics Co.Ltd Author: Tomasz Stanislawski <t.stanislawski@samsung.com>
 Copyright (C) 2007-2013 ST-Ericsson
 Copyright (C) 2010-2015 ST Microelectronics
 Copyright (C) 2010-2011 Pixcir, Inc.
 Copyright (C) 2010-2011 Nokia Corporation. Eduardo Valentin Paul Walmsley
 Copyright (C) 2000-2011 Neil Brown
 Copyright (C) 2010-2011 Mika Westerberg
 Copyright (C) 2006-2011 Michael Hennerich, Analog Devices Inc.
 Copyright (C) 2010-2011 Lund Engineering Contact: Gil Lund <gwlund@lundeng.com> Author: Martin Hostettler <martin@neutronstar.dyndns.org>
 Copyright (C) 2010-2011 Lars-Peter Clausen <lars@metafoo.de>
 Copyright (C) 2010-2011 Julius Baxter <julius.baxter@orsoc.se>
 Copyright (C) 2010-2011 Jonas Bonn <jonas@southpole.se>
 Copyright (C) 2010-2011 Jaiganesh Narayanan <jnarayanan@atheros.com>
 Copyright (C) 2010-2011 Intel Corporation Author: Yin Kangkai (kangkai.yin@intel.com)
 Copyright (C) 2010-2011 Guennadi Liakhovetski
 Copyright (C) 2010-2011 Digital Devices GmbH
 Copyright (C) 2010-2011 Corentin Chary <corentin.chary@gmail.com>
 Copyright (C) 2010-2011 Christopher Yeoh <cyeoh@au1.ibm.com>, IBM Corp.
 Copyright (C) 2010-2011 Canonical Ltd <jeremy.kerr@canonical.com>
 Copyright (C) 2007-2010 Analog Devices Inc. Graff Yang <graf.yang@analog.com>
 Copyright (C) 2010-11 Texas Instruments Incorporated - <http://www.ti.com/>
 Copyright (C) 2010-11 Digital Devices GmbH.
 Copyright (C) 2010--2012 Nokia Corporation Contact: Sakari Ailus <sakari.ailus@iki.fi>
 Copyright (C) 2010,2015 Broadcom
 Copyright (C) 2006-2013 Freescale Semiconductor, Inc. All rights reserved.
 Copyright (C) 2010,2012 - NVIDIA, Inc.
 Copyright (C) 2010-2011 Thomas Renninger <trenn@suse.de>, Novell Inc.
 Copyright (C) 2009-2014 NetUP Inc.
 Copyright (C) 2009-2011 Igor M. Liplianin <liplianin@netup.ru>
 Copyright (C) 2010, Wei Yongjun <yjwei@cn.fujitsu.com>
 Copyright (C) 2010, Paul Cercueil <paul@crapouillou.net>
 Copyright (C) 2009-2010 , Oracle. All rights reserved.
 Copyright (C) 2010, Novell, Inc. Author : K. Y. Srinivasan <ksrinivasan@novell.com>
 Copyright (C) 2010, Jason Baron <jbaron@redhat.com>
 Copyright (C) 2007-2010 , Intel Corp. Huang Ying <ying.huang@intel.com>
 Copyright (C) 2010, Intel Corp. Authors: Maxim Locktyukhin <maxim.locktyukhin@intel.com>
 Ronen Zohar <ronen.zohar@intel.com>

Copyright (C) 2008-2010 , Intel Corp. Author: Huang Ying <ying.huang@intel.com>
Copyright (C) 1999-2012 , Greg Ungerer <gerg@snapgear.com>
Copyright (C) 2010, Bernhard Loos <bernhardloos@googlemail.com>
Copyright (C) 2010, Baruch Siach <baruch@tkos.co.il>
Copyright (C) 2009-2010 , Arnaldo Carvalho de Melo <acme@redhat.com>
Copyright (C) 2010, Applied Micro Circuits Corporation Victor Gallardo (vgallardo@apm.com)
Copyright (C) 2010, ARM Ltd., Will Deacon <will.deacon@arm.com>
Copyright (C) 2010, 2013 Intel Corporation Author: Zhao Yakui <yakui.zhao@intel.com> Lv Zheng <lv.zheng@intel.com>
Copyright (C) 2010, 2012 Bastien Nocera <hadess@hadess.net>
Copyright (C) 2010, 2011, 2012, Lemote, Inc. Author: Chen Huacai, chenhc@lemote.com
Copyright (C) 2010, 2011 Texas Instruments. Contributed by: Mark Salter <msalter@redhat.com>
Copyright (C) 2010, 2011 Texas Instruments Incorporated Mark Salter <msalter@redhat.com>
Copyright (C) 2010-2011 Kent Overstreet <kent.overstreet@gmail.com>
Copyright (C) 2010-2011 Ericsson AB.
Copyright (C) 2008-2011 Cavium Networks, Inc.
Copyright (C) 2010-2012 Anssi Hannula <anssi.hannula@iki.fi>
Copyright (C) 2010 the Speakup Team
Copyright (C) 2009-2010 by Tom Zanussi <tzanussi@gmail.com>
Copyright (C) 2010 by Ondrej Zary.
Copyright (C) 2010 by Jarod Wilson <jarod@redhat.com>
Copyright (C) 2010 by Frederic Weisbecker <fweisbec@gmail.com>
Copyright (C) 2010 by David Härdeman <david@hardeman.nu>
Copyright (C) 2010 Zilogic Systems <code@zillogic.com>
Copyright (C) 2010 Yong Shen <yong.shen@linaro.org>
Copyright (C) 2002-2010 Yoichi Yuasa <yuasa@linux-mips.org>
Copyright (C) 2010 Wolfson Microelectronics, plc
Copyright (C) 2010 Wolfram Sang, Pengutronix e.K. <w.sang@pengutronix.de>
Copyright (C) 2008-2010 Wolfgang Grandegger <wg@denx.de>
Copyright (C) 2010 WindRiver Systems, Inc. authors: Andreas Kies <andreas.kies@windriver.com> Vlad Lungu <vlad.lungu@windriver.com>
Copyright (C) 2010 Willow Garage.
Copyright (C) 2010 Will Deacon, ARM Ltd.
Copyright (C) 2010 Waldemar Brodkorb <wbx@openadk.org>
Copyright (C) 2010 Vivek Goyal <vgoyal@redhat.com>
Copyright (C) 2010 Urs Fleisch <urs.fleisch@sensirion.com>
Copyright (C) 2010 Torez Smith, IBM Corporation.
Copyright (C) 2010 Tony Prisk
Copyright (C) 2010 Tomoki Sekiyama (tomoki.sekiyama@gmail.com)
Copyright (C) 2010 Tomohiro Kusumi <kusumi.tomohiro@jp.fujitsu.com>
Copyright (C) 2010 Thomas Langer, <thomas.langer@lantiq.com>
Copyright (C) 2010 Texas Instruments, Inc. Written by Santosh Shilimkar <santosh.shilimkar@ti.com>
Copyright (C) 2010 Texas Instruments, Inc. Thara Gopinath <thara@ti.com> Benoît Cousson
Copyright (C) 2010 Texas Instruments, Inc. Author: Santosh Shilimkar <santosh.shilimkar@ti.com>
Copyright (C) 2010 Texas Instruments Incorporated. Thara Gopinath
Copyright (C) 2010 Texas Instruments Incorporated. Senthilvadivu Guruswamy Sumit Semwal
Copyright (C) 2010 Texas Instruments Incorporated. Manjunath Kondaiah <manjugk@ti.com>
Copyright (C) 2010 Texas Instruments Incorporated Written by Mark Salter (msalter@redhat.com)
Copyright (C) 2010 Texas Instruments Incorporated Contributed by Mark Salter <msalter@redhat.com>.

Copyright (C) 2010 Texas Instruments Incorporated . Tarun Kanti DebBarma
 <tarun.kanti@ti.com> Thara Gopinath <thara@ti.com>
 Copyright (C) 2010 Texas Instruments Incorporated - <http://www.ti.com>
 Copyright (C) 2010 Texas Instruments Inc. Author: Graeme Gregory <gg@slimlogic.co.uk>
 Author: Jorge Eduardo Candelaria <jedu@slimlogic.co.uk>
 Copyright (C) 2010 Texas Instruments Inc. Author: Erik Gilling <konkers@android.com>
 Copyright (C) 2010 Texas Instruments Author: Hemanth V <hemanthv@ti.com>
 Copyright (C) 2010 Texas Instruments Author: Felipe Balbi <balbi@ti.com>
 Copyright (C) 2010 Tanguy Bouzeloc <tanguy.bouzeloc@efixo.com>
 Copyright (C) 2010 Takashi Yoshii
 Copyright (C) 2010 Steven Rostedt <srostedt@redhat.com>, Red Hat Inc.
 Copyright (C) 2010 Steven King <sfking@fdwdc.com>
 Copyright (C) 2010 Stephane Duverger
 Copyright (C) 2010 Stefan Ringel <stefan.ringel@arcor.de>
 Copyright (C) 2010 Slimlogic Ltd.
 Copyright (C) 2009-2010 Simon Guinot <sguinot@lacie.com>
 Copyright (C) 2010 Silicon Turnkey Express LLC.
 Copyright (C) 2010 Sheng-Yuan Huang (Nuvoton).
 Copyright (C) 2010 SecretLab Grant Likely <grant@secretlab.ca> John Bonesio
 <bones@secretlab.ca>
 Copyright (C) 2010 Secret Lab Technologies, Ltd.
 Copyright (C) 2010 Samsung Electronics Minkyu Kang <mk7.kang@samsung.com> Wonguk
 Jeong <wonguk.jeong@samsung.com>
 Copyright (C) 2009-2010 Samsung Electronics Minkyu Kang <mk7.kang@samsung.com>
 Copyright (C) 2010 Samsung Electronics Co.Ltd Author: Minkyu Kang
 <mk7.kang@samsung.com> Author: Joonyoung Shim <jy0922.shim@samsung.com>
 Copyright (C) 2010 Samsung Electronics Co.Ltd Author: Joonyoung Shim
 <jy0922.shim@samsung.com> Author: Donghwa Lee <dh09.lee@samsung.com>
 Copyright (C) 2010 Samsung Electronics Co.Ltd Author: HeungJun Kim
 <riverful.kim@samsung.com> Author: Joonyoung Shim <jy0922.shim@samsung.com>
 Copyright (C) 2010 Samsung Electronics Co., Ltd Author: Sylwester Nawrocki,
 s.nawrocki@samsung.com
 Copyright (C) 2010 Samsung Electronics Co. Ltd. Author: Jaswinder Singh Brar
 <jassisinghbrar@gmail.com>
 Copyright (C) 2010 Samsung Electronics Author: Michal Nazarewicz <mina86@mina86.com>
 Copyright (C) 2010 Samo Pogacnik
 Copyright (C) 2010 Sameer Ahmad, Lantiq GmbH
 Copyright (C) 2010 SUSE Products GmbH/Novell Author: Thomas Renninger <trenn@suse.de>
 Copyright (C) 2009-2010 SUSE Linux Products GmbH. All rights reserved.
 Copyright (C) 2010 SUSE Linux Products GmbH Author: Thomas Renninger <trenn@suse.de>
 Copyright (C) 2010 ST-Ericsson AB Mian Yousaf Kaukab
 <mian.yousaf.kaukab@stericsson.com>
 Copyright (C) 2010 ST Microelectronics Shiraz Hashim <shiraz.linux.kernel@gmail.com>
 Copyright (C) 2009-2010 ST Microelectronics Rajeev Kumar <rajeev-dlh.kumar@st.com>
 Copyright (C) 2010 ST Microelectronics Pratyush Anand <pratyush.anand@gmail.com>
 Copyright (C) 2010 ST Microelectronics Bhupesh Sharma <bhupesh.sharma@st.com>
 Copyright (C) 2010 ST Micro Electronics, Deepak Sikri <deepak.sikri@st.com>
 Copyright (C) 2010 Ryan Mallon
 Copyright (C) 2010 Ricardo Martins <rasm@fe.up.pt>
 Copyright (C) 2010 Renesas Solutions Corp. Yusuke Goda <yusuke.goda.sx@renesas.com>
 Copyright (C) 2010 Renesas Solutions Corp. Tony SIM <chinyeow.sim.xt@renesas.com>
 Copyright (C) 2005-2010 Red Hat, Inc. All Rights Reserved. Written by Mark Salter
 (msalter@redhat.com)
 Copyright (C) 2010 Red Hat Inc. Author : Dave Airlie <airlied@redhat.com>
 Copyright (C) 2010 Red Hat Inc Author: Michael S. Tsirkin <mst@redhat.com>

Copyright (C) 2010 Rabin Vincent <rabin@rab.in>
Copyright (C) 2010 R.M. Thomas.
Copyright (C) 2010 Promwad Innovation Company Yauhen Kharuzhy
<yauhen.kharuzhy@promwad.com>
Copyright (C) 2010 Pierre Ducroquet
Copyright (C) 2006-2011 PetaLogix
Copyright (C) 2010 Pengutronix, Marc Kleine-Budde <kernel@pengutronix.de>
Copyright (C) 2010 Pauli Nieminen. All Rights Reserved.
Copyright (C) 2010 Patrick Boettcher, Kernel Labs Inc. PO Box 745, St James, NY 11780
Copyright (C) 2010 Parallels, Inc., Cyrill Gorcunov <gorcunov@openvz.org>
Copyright (C) 2005-2207 PMC-Sierra, Inc.
Copyright (C) 2010 One Laptop per Child Author: Harald Welte <HaraldWelte@viatech.com> All rights reserved.
Copyright (C) 2010 OKI SEMICONDUCTOR Co., LTD.
Copyright (C) 2010 Nuno Goncalves <nunojpg@gmail.com>
Copyright (C) 2010 Novell. All rights reserved.
Copyright (C) 2010 Nokia Corporation. Eduardo Valentin
Copyright (C) 2010 Nokia Corporation. Author: Mika Westerberg
Copyright (C) 2010 Nokia Corporation Tony Lindgren <tony@atomide.com> Santosh Shilimkar <santosh.shilimkar@ti.com>
Copyright (C) 2006-2010 Nokia Corporation Tony Lindgren <tony@atomide.com>
Copyright (C) 2010 Nokia Corporation Contact: Yauheni Kaliuta <yauheni.kaliuta@nokia.com>
Copyright (C) 2010 Nokia Corporation Benoît Cousson Paul Walmsley Rajendra Nayak <rnayak@ti.com>
Copyright (C) 2010 Nokia Corporation Benoît Cousson Paul Walmsley
Copyright (C) 2010 Nokia Corporation (Hiroshi Doyu)
Copyright (C) 2010 Nicolas Palix <npalix@diku.dk>
Copyright (C) 2009-2010 Nathan Fontenot
Copyright (C) 2010 NISHIMOTO Hiroki
Copyright (C) 2010 NEC corporation
Copyright (C) 2010 MontaVista Software, LLC. Anton Vorontsov <avorontsov@ru.mvista.com>
Copyright (C) 2010 MontaVista Software, LLC. Anton Vorontsov <avorontsov@mvista.com>
Copyright (C) 2010 MontaVista Software, LLC.
Copyright (C) 2010 Miguel Gaio <miguel.gaio@efixo.com>
Copyright (C) 2008-2010 Michael Neuling IBM Corporation
Copyright (C) 2010 Michael J. Cree
Copyright (C) 2010 Maurus Cuelenaere
Copyright (C) 2010 Matthew Wilcox for Intel Corp
Copyright (C) 2008-2010 Matt Fleming <matt@console-pimps.org>
Copyright (C) 2010 Marvell Zhangfei Gao <zhangfei.gao@marvell.com>
Copyright (C) 2010 Marvell International Ltd. Zhangfei Gao <zhangfei.gao@marvell.com> Kevin Wang <dwang4@marvell.com> Mingwei Wang <mwwang@marvell.com> Philip Rakity <prakity@marvell.com> Mark Brown <markb@marvell.com>
Copyright (C) 2010 Marvell International Ltd. Zhangfei Gao <zhangfei.gao@marvell.com> Kevin Wang <dwang4@marvell.com> Jun Nie <njun@marvell.com> Qiming Wu <wuqm@marvell.com> Philip Rakity <prakity@marvell.com>
Copyright (C) 2010 Marvell International Ltd. Sachin Sanap <ssanap@marvell.com> Zhangfei Gao <zgao6@marvell.com> Philip Rakity <prakity@marvell.com> Mark Brown <markb@marvell.com>
Copyright (C) 2008-2010 Markus Plessing <plessing@ems-wuensche.com>
Copyright (C) 2010 Marek Vasut <marek.vasut@gmail.com> Pavel Revak <palo@bielyvlk.sk>
Copyright (C) 2010 Marco Stornelli <marco.stornelli@gmail.com>
Copyright (C) 2010 Marcin Koscielnicki
Copyright (C) 2010 Marcelo Roberto Jimenez <mroberto@cpti.cetuc.puc-rio.br>
Copyright (C) 2009-2010 Marc Zyngier <maz@misterjones.org>

Copyright (C) 2010 MIPS Technologies, Inc. Author: Deng-Cheng Zhu
Copyright (C) 2010 Loongson Inc. & Lemote Inc. & Institute of Computing Technology Author: Xiang Gao, gaoxiang@ict.ac.cn Huacai Chen, chenhc@lemote.com Xiaofu Meng, Shuangshuang Zhang
Copyright (C) 2010 Linus Walleij for ST-Ericsson
Copyright (C) 2004-2010 Len Brown <len.brown@intel.com>
Copyright (C) 2010 Larry Finger. All rights reserved.
Copyright (C) 2010 Kan-Ru Chen <kanru@0xlab.org>
Copyright (C) 2010 Julia Lawall, DIKU.
Copyright (C) 2010 Julia Lawall <julia@diku.dk>
Copyright (C) 2006-2010 Juergen Beisert, Pengutronix
Copyright (C) 2010 Juan Jesús García de Soria <skandalfo@gmail.com>
Copyright (C) 2010 Joonas Lahtinen <joonas.lahtinen@gmail.com>
Copyright (C) 2010 Javier Martin <javier.martin@vista-silicon.com>
Copyright (C) 2009-2010 Jason Wessel <jason.wessel@windriver.com>
Copyright (C) 2010 Jason Wang <jason77.wang@gmail.com>
Copyright (C) 2010 Jarod Wilson <jarod@wilsonet.com>
Copyright (C) 2009-2010 Janusz Krzysztofik <jkrzysztof@tis.icnet.pl>
Copyright (C) 2010 James Courtier-Dutton (James@superbug.co.uk)
Copyright (C) 2004-2010 Ivo van Doorn <IvDoorn@gmail.com>
Copyright (C) 2010 Ion Beam Application, Inc.
Copyright (C) 2010 Intel Corporation, Lin Ming <ming.m.lin@intel.com>
Copyright (C) 2010 Intel Corporation, David Woodhouse <dwmw2@infradead.org>
Copyright (C) 2010 Intel Corporation <tony.luck@intel.com>
Copyright (C) 2010 Indesign, LLC
Copyright (C) 2010 Imagination Technologies Ltd.
Copyright (C) 2010 Ilya Yanok, Emcraft Systems, yanok@emcraft.com
Copyright (C) 2010 Ian Munsie, IBM Corporation.
Copyright (C) 2010 IBM Corporation Author: K.Prasad <prasad@linux.vnet.ibm.com>
Copyright (C) 2010 IBM Corporation Author: David Safford <safford@us.ibm.com>
Copyright (C) 2010 IBM Corporation Author(s): Michael Holzheu <holzheu@linux.vnet.ibm.com>
Copyright (C) 2010 IBM Corporation Author(s): Hendrik Brueckner <brueckner@linux.vnet.ibm.com>
Copyright (C) 2010 IBM Corporation Author(s): Heiko Carstens <heiko.carstens@de.ibm.com>,
Copyright (C) 2010 IBM Corporation Author Aneesh Kumar K.V <aneesh.kumar@linux.vnet.ibm.com>
Copyright (C) 2010 IBM Corporation
Copyright (C) 2010 IBM Corp, Benjamin Herrenschmidt <benh@kernel.crashing.org>
Copyright (C) 2010 Hitoshi Mitake <mitake@dcl.info.waseda.ac.jp>
Copyright (C) 2010 Hector Martin <hector@marcansoft.com>
Copyright (C) 2010 Gyungoh Yoo <jack.yoo@maxim-ic.com>
Copyright (C) 2010 Guy Martin <gmsoft@tuxicom.be>
Copyright (C) 2010 Google, Inc. Rewritten by David Rientjes
Copyright (C) 2010 Google, Inc. Iliyan Malchev <malchev@google.com>
Copyright (C) 2010 Google, Inc. Author: Erik Gilling <konkers@android.com>
Copyright (C) 2010 Google, Inc. Author: Colin Cross <ccross@android.com>
Copyright (C) 2010 Google Inc. All Rights Reserved. Author: dlaurie@google.com (Duncan Laurie)
Copyright (C) 2010 Gilles Muller <Gilles.Muller@lip6.fr>
Copyright (C) 2010 Giel van Schijndel <me@mortis.eu>
Copyright (C) 2008-2010 GE Intelligent Platforms Embedded Systems, Inc.
Copyright (C) 2008-2010 Frederic Weisbecker <fweisbec@gmail.com>
Copyright (C) 2009-2010 Francisco Jerez. All Rights Reserved.
Copyright (C) 2010 Francisco Jerez <currojerez@riseup.net>

Copyright (C) 2010 Fitipower Integrated Technology Inc
 Copyright (C) 2010 Faraday Technology Corp.
 Copyright (C) 2010 Fabien Chouteau <fabien.chouteau@barco.com>
 Copyright (C) 2004-2010 FUJITSU LIMITED
 Copyright (C) 2010 Extreme Engineering Solutions.
 Copyright (C) 2010 Eric Dumazet
 Copyright (C) 2010 Eric Benard - eric@eukrea.com
 Copyright (C) 2006-2010 Elan Digital Systems Limited
 Copyright (C) 2010 Ed Spiridonov <edo.rus@gmail.com>
 Copyright (C) 2009-2010 EF Johnson Technologies
 Copyright (C) 2010 Dirk Eibach, Guntermann & Drunck GmbH <eibach@gdsys.de>
 Copyright (C) 2010 Digital Design Corporation
 Copyright (C) 2009-2010 Devin Heitmueller <dheitmueller@kernellabs.com>
 Copyright (C) 2010 Dell Inc. by Narendra K <Narendra_K@dell.com>, Jordan Hargrave
 <Jordan_Hargrave@dell.com>
 Copyright (C) 2010 Dell Inc. Louis Davis <louis_davis@dell.com> Jim Dailey
 <jim_dailey@dell.com>
 Copyright (C) 2010 David Gibson <david@gibson.dropbear.id.au>, IBM Corporation.
 Copyright (C) 2010 Darius Augulis <augulis.darius@gmail.com>
 Copyright (C) 2008-2010 Dan Williams <dcbw@redhat.com>
 Copyright (C) 2007-2010 DENX Software Engineering, Stefan Roese <sr@denx.de>
 Copyright (C) 2010 Critical Link LLC.
 Copyright (C) 2010 Creative Product Design
 Copyright (C) 2010 CompuLab, Ltd. Konstantin Sinyuk <kostyas@compulab.co.il>
 Copyright (C) 2010 Cisco Systems, Inc. All rights reserved. Author: Tom Lyon, pugs@cisco.com
 Copyright (C) 2010 Cisco Systems Inc. <dediao@cisco.com>
 Copyright (C) 2004-2012 Cavium Networks
 Copyright (C) 2007-2010 Cambridge Silicon Radio Ltd.
 Copyright (C) 2010 Brian King IBM Corporation
 Copyright (C) 2010 BitBox Ltd.
 Copyright (C) 2010 Benjamin Herrenschmidt, IBM Corp <benh@kernel.crashing.org> and David
 Gibson, IBM Corporation.
 Copyright (C) 2010 Ben. Herrenschmidt, IBM Corporation.
 Copyright (C) 2004-2010 Ben Dooks.
 Copyright (C) 2010 Barnes & Noble, Inc. Author: Pieter Truter <ptruter@intrinsyc.com>
 Copyright (C) 2010 Atmel Corporation Nicolas Ferre <nicolas.ferre@atmel.com>
 Copyright (C) 2010 Arnaud Patard <apatard@mandriva.com>
 Copyright (C) 2010 Andreas Mohr <andi@lissas.de>
 Copyright (C) 2010 Andre B. Oliveira
 Copyright (C) 2010 Ambient Corporation
 Copyright (C) 2010 Alexey Charkov <alchark@gmail.com>
 Copyright (C) 2010 Alexey Charkov <alchark@gmail.com>
 Copyright (C) 2010 Alexander Graf (agraf@suse.de)
 Copyright (C) 2009-2010 Alessandro Rubini
 Copyright (C) 2009-2010 Alberto Panizzo <maramaopercheseimorto@gmail.com>
 Copyright (C) 2010 Alan Stern <stern@rowland.harvard.edu>
 Copyright (C) 2010 ARM Ltd., Will Deacon <will.deacon@arm.com>
 Copyright (C) 2010 ARM Ltd. Written by Catalin Marinas <catalin.marinas@arm.com>
 Copyright (C) 2010 ALPHAPROJECT Co.,Ltd.
 Copyright (C) 2010 3ality Digital Systems
 Copyright (C) 2010 2011 Mark Nelson and Tseng-Hui (Frank) Lin, IBM Corporation
 Copyright (C) 2010 - The Learning Labs Inc.
 Copyright (C) 2010 - Steven Rostedt <srostedt@redhat.com>, Red Hat Inc.
 Copyright (C) 2010 - 2015 UNISYS CORPORATION All Rights Reserved.
 Copyright (C) 2010 - 2013 UNISYS CORPORATION.

Copyright (C) 2009-2013 Johan Hovold (jhovold@gmail.com)
Copyright (C) 2010-2012 LAPIS SEMICONDUCTOR CO., LTD.
Copyright (C) 2010 - 2011 Samsung Electronics Co., Ltd. Sylwester Nawrocki,
<s.nawrocki@samsung.com>
Copyright (C) 2010 "Wu Zhangjin" <wuzhanjing@gmail.com>
Copyright (C) 2009/2010 Stefani Seibold <stefani@seibold.net>
Copyright (C) 2009. SUSE Linux Products GmbH. All rights reserved.
Copyright (C) 2009-2014 Texas Instruments Incorporated. Nishanth Menon Romit Dasgupta
Kevin Hilman
Copyright (C) 2009-2014 Realtek Corporation.
Copyright (C) 2009-2014 Intel Corporation; author H. Peter Anvin
Copyright (C) 2009-2013 Texas Instruments Inc. Nishant Kamat <nskamat@ti.com> Balaji T K
<balajitk@ti.com> Graeme Gregory <gg@slimlogic.co.uk> Girish S Ghongdemath
<girishsg@ti.com> Ambresh K <ambresh@ti.com> Oleksandr Kozaruk
<oleksandr.kozaruk@ti.com>
Copyright (C) 2009-2013 Realtek Semiconductor Corp. All rights reserved.
Copyright (C) 2009-2012 TurboSight.com
Copyright (C) 2009-2012 Texas Instruments. Santosh Shilimkar <santosh.shilimkar@ti.com>
Copyright (C) 2007-2012 Siemens AG
Copyright (C) 2009-2012 ST Microelectronics Viresh Kumar <vireshk@kernel.org>
Copyright (C) 2009-2012 ST Microelectronics Rajeev Kumar <rajeev-dlh.kumar@st.com>
Viresh Kumar <vireshk@kernel.org>
Copyright (C) 2007-2012 Realtek Corporation. All rights reserved.
Copyright (C) 2009-2012 Oracle Corp. All rights reserved. Author: Dan Magenheimer
Copyright (C) 2009-2012 Konstantin Dimitrov <kosio.dimitrov@gmail.com>
Copyright (C) 2008-2012 Jason Baron <jbaron@redhat.com>
Copyright (C) 2006-2013 Florian Fainelli <florian@openwrt.org>
Copyright (C) 2009-2012 CERN. Author: Nicolas Serafini, EIC2 SA Author: Samuel Iglesias
Gonsalvez <siglesias@igalia.com>
Copyright (C) 2009-2011 , Frederic Weisbecker <fweisbec@gmail.com>
Copyright (C) 2003-2012 Wolfson Microelectronics PLC.
Copyright (C) 2009-2011 Texas Instruments, Inc. All rights reserved.
Copyright (C) 2009-2011 ST-Ericsson AB Author: Martin Persson
<martin.persson@stericsson.com> Author: Linus Walleij <linus.walleij@linaro.org>
Copyright (C) 2009-2011 Marvell. <yuxiangl@marvell.com>
Copyright (C) 2009-2011 Freescale Semiconductor. Author: Jack Lan
<jack.lan@freescale.com>
Copyright (C) 2009-2011 Faraday Technology Po-Yu Chuang <ratbert@faraday-tech.com>
Copyright (C) 2009-2011 Christian Lamparter <chunkeey@googlemail.com>
Copyright (C) 2009-2010 , Philippe De Muyter <phdm@macqel.be>.
Copyright (C) 2009-2013 , Lars-Peter Clausen <lars@metafoo.de>
Copyright (C) 2009-2010, 2012 Freescale Semiconductor, Inc
Copyright (C) 2009-2011 by Mauro Carvalho Chehab
Copyright (C) 2009-2010 Tom Zanussi <tzanussi@gmail.com>
Copyright (C) 2009-2010 Texas Instruments Author: Raja Mani <raja_mani@ti.com> Pavan
Savoy <pavan_savoy@ti.com>
Copyright (C) 2009-2010 Texas Instruments Author: Pavan Savoy <pavan_savoy@ti.com>
Copyright (C) 2009-2010 Sven Anders <anders@anduras.de>, ANDURAS AG.
Copyright (C) 2009-2010 Samsung Electronics Kyungmin Park
<kyungmin.park@samsung.com> Marek Szyprowski <m.szyprowski@samsung.com>
Copyright (C) 2009-2010 Samsung Electronics MyungJoo Ham
<myungjoo.ham@samsung.com>
Copyright (C) 2009-2010 Nokia Corporation Paul Walmsley, Kevin Hilman
Copyright (C) 2009-2010 Nishanth Menon <nm@ti.com>, Texas Instruments Incorporated
Copyright (C) 2009-2010 Márton Németh <nm127@freemail.hu>

Copyright (C) 2009-2010 Marvell International Ltd. Haojian Zhuang
<haojian.zhuang@marvell.com>
 Copyright (C) 2007-2014 Magnus Damm
 Copyright (C) 2005-2011 Laurent Pinchart (laurent.pinchart@ideasonboard.com)
 Copyright (C) 2009-2010 Jozsef Kadlecsik.
 Copyright (C) 2003-2010 Jonathan Corbet <corbet@lwn.net>
 Copyright (C) 2009-2010 Integrated Device Technology, Inc. Alexandre Bounine
<alexandre.bounine@idt.com>
 Copyright (C) 2009-2010 Gustavo F. Padovan <gustavo@padovan.org>
 Copyright (C) 2009-2010 Freescale Semiconductor, Inc. Author: Becky Bruce
 Copyright (C) 2009-2010 Douglas Landgraf <douglslan@redhat.com>
 Copyright (C) 2009-2010 Daniel Dickinson <openwrt@cshore.neomailbox.net>
 Copyright (C) 2006-2010 Ben Dooks <ben-linux@fluff.org>
 Copyright (C) 2009-2010 Alexander Gordeev <lasaine@lvk.cs.msu.su>
 Copyright (C) 2008-2010 Henrik Rydberg <rydberg@euromail.se>
 Copyright (C) 2009-11 Texas Instruments. Santosh Shilimkar <santosh.shilimkar@ti.com>
 Copyright (C) 2009-11 Texas Instruments.
 Copyright (C) 2009--2010 Nokia Corporation.
 , 2008-2013 Imagination Technologies Ltd.
 Copyright (C) 2009,2012 ST Microelectronics Rajeev Kumar<rajeev-dlh.kumar@st.com> Viresh
Kumar <vireshk@kernel.org>
 Copyright (C) 2009-2012 Grazvydas Ignotas <notasas@gmail.com>
 Copyright (C) 2008-2012 Andy Walls <awalls@md.metrocast.net>
 Copyright (C) 2007-2011 Novell Inc.
 Copyright (C) 2009,2011 Greg Kroah-Hartman (gregkh@suse.de)
 Copyright (C) 2009,2010 Dick Streefland <dick@streefland.net>
 Copyright (C) 2009, Wind River Systems Inc Implemented by fredrik.markstrom@gmail.com
and ivarholmqvist@gmail.com
 Copyright (C) 2009, Texas Instruments, Inc.
 Copyright (C) 2009, Sascha Hauer <s.hauer@pengutronix.de>
 Copyright (C) 2009, Roderick Colenbrander
 Copyright (C) 2009, Philippe De Muyter (phdm@macqel.be)
 Copyright (C) 2009, Mel Gorman <mel@csn.ul.ie>
 Copyright (C) 2009, Kay Sievers <kay.sievers@vrfy.org>
 Copyright (C) 2009, Hitoshi Mitake <mitake@dcl.info.waseda.ac.jp>
 Copyright (C) 2009, Dongsoo Nathaniel Kim <dongsoo45.kim@samsung.com>
 Copyright (C) 2009, Darius Augulis <augulis.darius@gmail.com>
 Copyright (C) 2009, Boris Hajduk <boris@hajduk.org>
 Copyright (C) 2009, Bollere telecom.
 Copyright (C) 2009, Applied Micro Circuits Corporation Victor Gallardo (vgallardo@amcc.com)
 Copyright (C) 2000-2015 Imagination Technologies.
 Copyright (C) 2007-2011 Wolfgang Grandegger <wg@grandegger.com>
 Copyright (C) 2009, 2011 IBM Corp.Author(s): Peter Oberparleiter
<peter.oberparleiter@de.ibm.com>
 Copyright (C) 2009-2010 , Christian Lamparter <chunkeey@gmail.com>
 Copyright (C) 2009, 2010, 2012, 2014 Imagination Technologies Ltd.
 Copyright (C) 2009, 2010, 2011 Red Hat, Inc.
 Copyright (C) 2009, 2010, 2011 Cypress Semiconductor, Inc.
 Copyright (C) 2009, 2010, 2011 Amit Shah <amit.shah@redhat.com>
 Copyright (C) 2009-2012 Wolfson Microelectronics. PLC.
 Copyright (C) 2009, 2010 Red Hat Inc.
 Copyright (C) 2009, 2010 Red Hat Inc, Steven Rostedt <srostedt@redhat.com>
 Copyright (C) 2009, 2010 Nvidia Graphics Pvt. Ltd.
 Copyright (C) 2009, 2010 Intel Corp Russ Gorby <russ.gorby@intel.com>
 Copyright (C) 2009, 2010 Intel Corp Jim Stanley <jim.stanley@intel.com>

Copyright (C) 2009-2010 DSLab, Lanzhou University, China Author: Wu Zhangjin
 <wuzhangjin@gmail.com>
 Copyright (C) 2007-2011 Arnaldo Carvalho de Melo <acme@redhat.com>
 Copyright (C) 2009 picoChip Designs, Ltd., Jamie Iles
 Copyright (C) 2009 picoChip Designs, Ltd., James Iles
 Copyright (C) 2009 picoChip Designs Ltd, Jamie Iles
 Copyright (C) 2009 emlix GmbH, Oskar Schirmer <oskar@scara.com>
 Copyright (C) 2009 by Valentin Longchamp <valentin.longchamp@epfl.ch>
 Copyright (C) 2009 by Tom Zanussi
 Copyright (C) 2009 by Sascha Hauer, Pengutronix
 Copyright (C) 2009 by Samsung Electronics Author: Michal Nazarewicz (mina86@mina86.com)
 Copyright (C) 2009 by Rick L. Vinyard, Jr. <rvinyard@cs.nmsu.edu>
 Copyright (C) 2009 by Karsten Keil <keil@isdn4linux.de>
 Copyright (C) 2009 by Jan Weitzel Phytex Messtechnik GmbH, armlinux@phytec.de>
 Copyright (C) 2009 by Jan Weitzel Phytex Messtechnik GmbH <armlinux@phytec.de>
 Copyright (C) 2009 by Holger Schurig <hs4233@mail.mn-solutions.de>
 Copyright (C) 2009 by Bart Hartgers.
 Copyright (C) 2009 by Abhishek Kulkarni <adkulkar@umail.iu.edu>
 Copyright (C) 2008-2009 Zhang Rui <rui.zhang@intel.com>
 Copyright (C) 2009 Zhang Le <r0bertz@gentoo.org>
 Copyright (C) 2009 Yinghai Lu
 Copyright (C) 2009-2009 Xose Vazquez Perez <xose.vazquez@gmail.com>.
 Copyright (C) 2008-2009 Wolfram Sang, Pengutronix
 Copyright (C) 2009 Wind River Linux
 Copyright (C) 2009 Wind River Systems, Inc. Tiejun Chen <tiejun.chen@windriver.com>
 Copyright (C) 2005-2009 Wind River Systems, Inc.
 Copyright (C) 2009 Wind River Systems Written by Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2009 Wind River Systems Inc Implemented by fredrik.markstrom@gmail.com and
 ivarholmqvist@gmail.com
 Copyright (C) 2007-2009 Wind River Systems Inc
 Copyright (C) 2009 William M. Brack
 Copyright (C) 2009 William Hubbs
 Copyright (C) 2009 Vivek Goyal <vgoyal@redhat.com> Nauman Rafique
 <nauman@google.com>
 Copyright (C) 2009 Valentin Sitdikov <v.sitdikov@gmail.com>
 Copyright (C) 2009 Valentin Sitdikov
 Copyright (C) 2008-2009 Valentin Longchamp, EPFL Mobots group
 Copyright (C) 1999-2009 VMware, Inc.
 Copyright (C) 2009 VIA Technology, Inc.
 Copyright (C) 2009 VIA Technologies, Inc.
 Copyright (C) 2009 Uwe Kleine-Koenig <u.kleine-koenig@pengutronix.de> for Pengutronix
 Copyright (C) 2009 Thomas Kunze
 Copyright (C) 2005-2009 Thomas Gleixner <tgx@linutronix.de>
 Copyright (C) 2009 Theodore Ts'o (tytso@mit.edu)
 Copyright (C) 2009 Theodore Kilgore <kilgota@auburn.edu>
 Copyright (C) 2009 Theodore Kilgore
 Copyright (C) 2009 Thadeu Lima de Souza Cascardo <cascardo@holoscopio.com>
 Copyright (C) 2009 Texas Instruments.Santosh Shilimkar <santosh.shilimkar@ti.com>
 Copyright (C) 2009 Texas Instruments Vimal Singh <vimalsingh@ti.com>
 Copyright (C) 2009 Texas Instruments Incorporated. Nishanth Menon
 Copyright (C) 2009 Texas Instruments Inc Author: Santiago Nunez-Corrales
 <santiago.nunez@ridgerun.com>
 Copyright (C) 2009 Texas Instruments Inc Author: Ajay Kumar Gupta <ajay.gupta@ti.com>
 Copyright (C) 2009 Texas Instruments Added OMAP4 support - Santosh Shilimkar
 <santosh.shilimkar@ti.com>

Copyright (C) 2009 Texas Instrument Incorporated - <http://www.ti.com/>
 Copyright (C) 2009 TMT Services & Supplies (Pty) Ltd.
 Copyright (C) 2009 T. Mertelj <tomaz.mertelj@guest.arnes.si>
 Copyright (C) 2009 Sunplus Core Technology Co., Ltd. Lennox Wu
 <lennox.wu@sunplusct.com> Chen Liqin <liqin.chen@sunplusct.com>
 Copyright (C) 2009 Sunplus Core Technology Co., Ltd. Chen Liqin <liqin.chen@sunplusct.com>
 Lennox Wu <lennox.wu@sunplusct.com>
 Copyright (C) 2007-2012 Steven Rostedt <srostedt@redhat.com>
 Copyright (C) 2009 Sitdikov Valentin
 Copyright (C) 2003-2009 Simtec Electronics
 Copyright (C) 2009 Simplemachines MMC support by Peter Ivanov <ivanovp@gmail.com>,
 2007
 Copyright (C) 2007-2009 Simon Arlott
 Copyright (C) 2009 Siemens AG Written by: Dmitry Eremin-Solenikov
 <dmitry.baryshkov@siemens.com>
 Copyright (C) 2009 ShotSpotter Inc. Author: Graeme Gregory <gg@slimlogic.co.uk>
 Copyright (C) 2009 Sergey Tyurin <forum.free-x.de> Updated 2012 by Jannis Achstetter
 <jannis_achstetter@web.de>
 Copyright (C) 2007-2009 Semihalf
 Copyright (C) 2009 Secret Lab Technologies Ltd. Grant Likely <grant.likely@secretlab.ca>
 Steven Cavanagh <scavanagh@secretlab.ca>
 Copyright (C) 2009 Samsung Electronics Ltd. Jaswinder Singh <jassi.brar@samsung.com>
 Copyright (C) 2009 Samsung Electronics Kim Kyuwon <q1.kim@samsung.com>
 Copyright (C) 2009 Samsung Electronics Co., Ltd. Author: Dongsoo Nathaniel Kim
 <dongsoo45.kim@samsung.com>
 Copyright (C) 2009 Samsung Electronics Author: Michal Nazarewicz (mina86@mina86.com)
 Copyright (C) 2009 Samsung Electronics Author: Michal Nazarewicz <mina86@mina86.com>
 All rights reserved.
 Copyright (C) 2009 Samsung Electronics Author: Marek Szyprowski
 <m.szyprowski@samsung.com>
 Copyright (C) 2009 ST-Ericsson. Author: Srinidhi Kasagar <srinidhi.kasagar@stericsson.com>
 Copyright (C) 2009 ST-Ericsson AB. Author: Linus Walleij <linus.walleij@stericsson.com>
 Copyright (C) 2005-2009 Rodolfo Giometti <giometti@linux.it>
 Copyright (C) 2009 Roderick Colenbrander
 Copyright (C) 2009 Roberto De Ioris <roberto@unbit.it>
 Copyright (C) 2009 Renesas Solutions, Inc. All rights reserved.
 Copyright (C) 2009 Renesas Solutions Corp ,Kuninori Morimoto
 <morimoto.kuninori@renesas.com>.
 Copyright (C) 2009 Red Hat, Matthew Garrett <mjg@redhat.com>
 Copyright (C) 2009 Red Hat, Inc. and/or its affiliates.
 Copyright (C) 2009 Red Hat Inc. Author: Steven Rostedt <srostedt@redhat.com>
 Copyright (C) 2009 Red Hat Inc, Peter Zijlstra
 Copyright (C) 2009 Red Hat <bskeggs@redhat.com>
 Copyright (C) 2009 Raphael Derosso Pereira <raphaelpereira@gmail.com>
 Copyright (C) 2009 Rafael Ignacio Zurita <rizurita@yahoo.com>
 Copyright (C) 2009 Prodrive B.V..
 Copyright (C) 2009 Philippe Vachon <philippe@cowpig.ca>
 Copyright (C) 2009 Phil Sutter.
 Copyright (C) 2009 Peter Edwards <sweetilmre@gmail.com>
 Copyright (C) 2009 PetaLogix. All rights reserved.
 Copyright (C) 2009 Paul Fox <pgf@laptop.org>
 Copyright (C) 2008-2009 Panasas Inc. All rights reserved.
 Copyright (C) 2009 Palm All Rights Reserved
 Copyright (C) 2009 Outpost Embedded, LLC
 Copyright (C) 2009 Openmoko, Inc Balaji Rao <balajirao@openmoko.org>

Copyright (C) 2009 Oberthur Technologies by Omar Laazimani, Olivier Condemine
Copyright (C) 2009 Nuvoton PS Team
Copyright (C) 2009 Novell <trenn@suse.de>
Copyright (C) 2008-2009 Nokia Corporation Author: Tomi Valkeinen
<tomi.valkeinen@nokia.com>
Copyright (C) 2009 Nokia Corporation Author: Kirill A. Shutemov
Copyright (C) 2009 Nokia Corporation Author: Juha Yrjola <juha.yrjola@solidboot.com>
Copyright (C) 2009 Net Insight AB.
Copyright (C) 2009 Neil Horman <nhorman@tuxdriver.com>
Copyright (C) 2009 Motorola, Inc.
Copyright (C) 2009 Ming Lei <ming.lei@canonical.com>
Copyright (C) 2009 Matyukevich Sergey.
Copyright (C) 2009 Mattias Nissler <mattias.nissler@gmx.de>
Copyright (C) 2009 Matthieu CASTET <castet.matthieu@free.fr>
Copyright (C) 2009 Matthias Fuchs.
Copyright (C) 2009 Matthias Fuchs <matthias.fuchs@esd-electronics.com>.
Copyright (C) 2009 Martin Fuzzey Originally written by Jay Monkman <jtm@lopingdog.com>
Ported to 2.6.30, debugged and enhanced by Martin Fuzzey
Copyright (C) 2009 Martin Fuzzey <mfuzzey@gmail.com>
Copyright (C) 2009 Mark Asselstine <asselsm@gmail.com>
Copyright (C) 2005-2009 Marc Kleine-Budde, Pengutronix
Copyright (C) 2009 Manuel Gebele <forensixs@gmx.de>, Germany
Copyright (C) 2009 M&N Solutions GmbH, 61191 Rosbach, Germany Holger Schurig
<hs4233@mail.mn-solutions.de>
Copyright (C) 2009 Luotao Fu @ Pengutronix (l.fu@pengutronix.de)
Copyright (C) 2009 Luis R. Rodriguez <mcgrof@gmail.com>
Copyright (C) 2009 Luis Correia <luis.f.correia@gmail.com>
Copyright (C) 2009 Li-Pro.Net Stephan Linz <linz@li-pro.net>
Copyright (C) 2009 Lemote, Inc. Author: Yan hua (yanhua@lemote.com) Author: Wu Zhangjin
(wuzhangjin@gmail.com)
Copyright (C) 2009 Lemote, Inc. Author: Wu Zhangjin, wuzhangjin@gmail.com
Copyright (C) 2009 Lemote, Inc. Author: Wu Zhangjin <wuzhangjin@gmail.com>
Copyright (C) 2009 Lemote Inc. Author: Wu Zhangjin, wuzhangjin@gmail.com Xiang Yu,
xiangy@lemote.com Chen Huacai, chenhc@lemote.com
Copyright (C) 2009 Lemote Inc. Author: Wu Zhangjin, wuzhangjin@gmail.com
Copyright (C) 2009 Lemote Inc. Author: Wu Zhangjin <wuzhangjin@gmail.com>
Copyright (C) 2009 Lemote Inc. Author: Hu Hongbing <huhb@lemote.com> Wu Zhangjin
<wuzhangjin@gmail.com>
Copyright (C) 2009 Lemote Inc. & DSLab, Lanzhou University, China
Copyright (C) 2009 Lemote Inc. & DSLab, Lanzhou University Author: Wu Zhangjin
<wuzhangjin@gmail.com>
Copyright (C) 2002-2009 Laurent Pinchart <laurent.pinchart@skynet.be>
Copyright (C) 2007-2009 Larry Finger <Larry.Finger@lwfinger.net>
Copyright (C) 2009 Kyle Guinn <elyk03@gmail.com>
Copyright (C) 2009 Kwangwoo Lee Kwangwoo Lee <kwangwoo.lee@gmail.com>
Copyright (C) 2007-2009 Krzysztof Helt <krzysztof.h1@wp.pl>
Copyright (C) 2009 Kristoffer Glembo <kristoffer@gaisler.com>, Aeroflex Gaisler AB
Copyright (C) 2009 Konstantin Dimitrov.
Copyright (C) 2009 Konrad Eisele (konrad@gaisler.com) Aeroflex Gaisler AB
Copyright (C) 2009 Ken McGuire <kenm@desertweyr.com>
Copyright (C) 2009 Jon Smirl, Digispeaker Author: Jon Smirl <jonsmirl@gmail.com>
Copyright (C) 2009 Jon Smirl, Digispeaker
Copyright (C) 2008-2009 John W. Linville <linville@tuxdriver.com>
Copyright (C) 2009 John F. Reiser <jreiser@BitWagon.com>. All rights reserved.
Copyright (C) 2006-2010 Johannes Berg <johannes@sipsolutions.net>

Copyright (C) 2009 Jiejing Zhang <kzjeef@gmail.com>
 Copyright (C) 2009 Jiajie Chen (chenjiajie@cse.buaa.edu.cn)
 Copyright (C) 2009 Jes Sorensen <Jes.Sorensen@gmail.com>
 Copyright (C) 2008-2009 Jerome Glisse. All Rights Reserved.
 Copyright (C) 2009 Jerome Glisse.
 Copyright (C) 2006-2009 Jaya Kumar <jayakumar.lkml@gmail.com>
 Copyright (C) 2009 Jay Fenlason <fenlason@redhat.com>
 Copyright (C) 2009 Jaswinder Singh Rajput
 Copyright (C) 2009 Janos Laube <janos.dev@gmail.com>
 Copyright (C) 2004-2009 James Smart, Emulex Corporation
 Copyright (C) 2005-2009 Ivan Kokshaysky
 Copyright (C) 2009 Intel Corporation; author: H. Peter Anvin
 Copyright (C) 2009 Intel Corporation. Author: Patrick Ohly <patrick.ohly@intel.com>
 Copyright (C) 2009 Intel Corporation, Yu Zhao <yu.zhao@intel.com>
 Copyright (C) 2009 Intel Corporation, <markus.t.metzger@intel.com>
 Copyright (C) 2009 Intel Corporation Yu Zhao <yu.zhao@intel.com>
 Copyright (C) 2009 Intel Corporation Author: Jacob Pan (jacob.jun.pan@intel.com) Feng Tang (feng.tang@intel.com)
 Copyright (C) 2009 Intel Corporation Author: Jacob Pan (jacob.jun.pan@intel.com)
 Copyright (C) 2008-2009 Intel Corporation Author: Arjan van de Ven <arjan@linux.intel.com>
 Copyright (C) 2009 Integration Software and Electronic Engineering.
 Copyright (C) 2009 Integrated Device Technology, Inc.
 Copyright (C) 2009 Ilya Yanok, Emcraft Systems Ltd, yanok@emcraft.com
 Copyright (C) 2009 Ilya Yanok, Emcraft Systems Ltd, <yanok@emcraft.com>
 Copyright (C) 2008-2009 Igor M. Liplianin <liplianin@me.by>
 Copyright (C) 2003-2009 Ian Molton <spyro@f2s.com>
 Copyright (C) 2009 IBM Corporation Author(s): Hans-Joachim Picht <hans@linux.vnet.ibm.com>
 Copyright (C) 2009 IBM Corp. Author(s): Peter Oberparleiter <oberpar@linux.vnet.ibm.com>
 Copyright (C) 2009 Hong H. Pham <hong.pham@windriver.com>
 Copyright (C) 2009 Holger Schurig, hs4233@mail.mn-solutions.de
 Copyright (C) 2007-2009 Hewlett-Packard Development Company, L.P. Paul Moore <paul@paul-moore.com>
 Copyright (C) 2009 Hewlett-Packard Development Company, L.P. Nagananda Chumbalkar <nagananda.chumbalkar@hp.com>
 Copyright (C) 2009 Hewlett-Packard Development Company, L.P. Andrew Patterson <andrew.patterson@hp.com>
 Copyright (C) 2009 Hans de Goede <hdegoede@redhat.com> and Thomas Kaiser <thomas@kaiser-linux.li>
 Copyright (C) 2009 HIRANO Takahito <hiranotaka@zng.info>
 Copyright (C) 2009 Guiming Zhuo <gmzhuo@gmail.com>
 Copyright (C) 2008-2009 Guennadi Liakhovetski, DENX Software Engineering, <lg@denx.de>
 Copyright (C) 2008-2009 Google, Inc. Author: Mike Lockwood <lockwood@android.com>
 Copyright (C) 2005-2009 Google Inc., All Rights Reserved.
 Copyright (C) 2009 Google Inc. John(Jung-Ik) Lee <jilee@google.com>
 Copyright (C) 1995-2009 Geert Uytterhoeven
 Copyright (C) 2009 Fujitsu Limited.
 Copyright (C) 2009 Freescale Semiconductor, Inc. All rights reserved.
 Copyright (C) 2009 Fontys University of Applied Sciences, Eindhoven Ed Schouten <e.schouten@fontys.nl> Laurens Timmermans <l.timmermans@fontys.nl>
 Copyright (C) 2009 Felipe Balbi <me@felipebalbi.com>
 Copyright (C) 2008-2009 Extreme Engineering Solutions, Inc.
 Copyright (C) 2009 Erik Andr n
 Copyright (C) 2009 Eric Paris <Red Hat Inc> .
 Copyright (C) 2009 Eric Paris <Red Hat Inc>

Copyright (C) 2009 Embedian Inc.
Copyright (C) 2009 Eduardo Moscoso Rubino <moscoso@TopoLogica.com>
Copyright (C) 2009 DiBcom.
Copyright (C) 2008-2009 Devin Heitmueller <dheitmueller@linuxtv.org>
Copyright (C) 2000-2009 David Brownell
Copyright (C) 2009 Daniel Ribeiro <drwyrn@gmail.com>
Copyright (C) 2009 Daniel Mack <daniel@caiaq.de>
Copyright (C) 2009 Daniel Hellstrom (daniel@gaisler.com), Konrad Eisele (konrad@gaisler.com)
Aeroflex Gaisler AB
Copyright (C) 2009 Crane Cai <crane.cai@amd.com>
Copyright (C) 2009 Cory Maccarrone <darkstar6262@gmail.com>
Copyright (C) 2009 Contec Steuerungstechnik & Automation GmbH Hubert Feurstein
<hubert.feurstein@contec.at>
Copyright (C) 2009 Conexant Systems Inc. Authors <shu.lin@conexant.com>,
<hiep.huynh@conexant.com> .
Copyright (C) 2009 Conexant Systems Inc. Authors <shu.lin@conexant.com>,
<hiep.huynh@conexant.com>
Copyright (C) 2009 Conexant Systems Inc. Authors <hiep.huynh@conexant.com>,
<shu.lin@conexant.com>
Copyright (C) 2009 Compulab, Ltd. Mike Rapoport <mike@compulab.co.il> Igor Grinberg
<grinberg@compulab.co.il>
Copyright (C) 2009 Christian König.
Copyright (C) 2009 Canonical Ltd. <jeremy.kerr@canonical.com>
Copyright (C) 2009 CJSC.
Copyright (C) 2009 Brian Johnson <brijohn@gmail.com>
Copyright (C) 2007-2009 Bluewater Systems Ltd Author: Ryan Mallon
Copyright (C) 2009 Bill Liu <Bill.Liu@Conexant.com>
Copyright (C) 2009 Bernie Thompson <bernie@plugable.com>
Copyright (C) 2009 Bartłomiej Zolnierkiewicz <bzolnier@gmail.com>
Copyright (C) 2009 Bart Zolnierkiewicz <bzolnier@gmail.com>
Copyright (C) 2009 Axel Kollhofer <rain_maker@root-forum.org>
Copyright (C) 2006-2009 Atsushi Nemoto <anemo@mba.ocn.ne.jp>
Copyright (C) 2009 Atsushi Nemoto
Copyright (C) 2009 Arjan van de Ven <arjan@linux.intel.com>
Copyright (C) 2007-2009 Andy Green <andy@warmcat.com>
Copyright (C) 2009 Andre Prendel <andre.prendel@gmx.de>
Copyright (C) 2009 Anders Blomdell (anders.blomdell@control.lth.se)
Copyright (C) 2009 Analog Devices Inc. Licensed under the GPL-2 or later.
Copyright (C) 2009 Albin Tonnerre, Free Electrons <albin.tonnerre@free-electrons.com>
Copyright (C) 2009 Alban Browaeys <prahal@yahoo.com>
Copyright (C) 2009 Alan Stern (stern@rowland.harvard.edu)
Copyright (C) 2009 Akihiro Tsukada <tskd2@yahoo.co.jp>
Copyright (C) 2009 Adams.Xu <adams.xu@azwave.com.cn>
Copyright (C) 2009 AbsoluteValue Systems <solomon@linux-wlan.com>
Copyright (C) 2009 AMCC (AppliedMicro) <ttnguyen@amcc.com>
Copyright (C) 2009 - QLogic Corporation. All rights reserved.
Copyright (C) 2009 - Maxim Levitsky.
Copyright (C) 2002-2015 STMicroelectronics
Copyright (C) 2009 - 2013 Integrated Device Technology, Inc. Alex Bounine
<alexandre.bounine@idt.com>
Copyright (C) 2009 - 2011 Renesas Solutions Corp. Kuninori Morimoto
<morimoto.kuninori@renesas.com> Paul Mundt <paul.mundt@renesas.com>
Copyright (C) 2009 - 2011 David Härdeman <david@hardeman.nu>
Copyright (C) 2009 - 2010 Samsung Electronics Co.Ltd Author: Joonyoung Shim
<jy0922.shim@samsung.com> Author: HeungJun Kim <riverful.kim@samsung.com>

Copyright (C) 2009 - 2010 DENX Software Engineering. Anatolij Gustschin <agust@denx.de>
Copyright (C) 2008-2011 Bart Van Assche <bvanassche@acm.org>.
Copyright (C) 2009 <Bill.Liu@conexant.com>
Copyright (C) 2009 Karsten Keil <keil@b1-systems.de> 2002 Wolfgang Mues <wolfgang@iksw-muees.de> 2001 Frode Isaksen <fisaksen@bewan.com> 2001 Kai Germaschewski <kai.germaschewski@gmx.de>
Copyright (C) 2008. Sebastian Siewior, Linutronix
Copyright (C) 2000-2015 , VMware, Inc. All Rights Reserved.
Copyright (C) 2008-2014 Red Hat Inc, Steven Rostedt <srostedt@redhat.com>
Copyright (C) 2008-2014 Mathieu Desnoyers <mathieu.desnoyers@efficios.com>
Copyright (C) 2008-2014 Christoph Lameter
Copyright (C) 2008-2012 Igor M. Liplianin (liplianin@me.by)
Copyright (C) 2008-2011, Red Hat, Inc., Peter Zijlstra
Copyright (C) 2005-2011 , Red Hat, Inc., Ingo Molnar
Copyright (C) 2008-2011 , Red Hat Inc, Ingo Molnar <mingo@redhat.com>
Copyright (C) 2003-2011 Wim Van Sebroeck <wim@iguana.be>.
Copyright (C) 2008-2011 Vision Engraving Systems H Hartley Sweeten <hsweeten@visionengravers.com>
Copyright (C) 2008-2011 Texas Instruments, Inc. Paul Walmsley Rajendra Nayak <rnayak@ti.com>
Copyright (C) 1999-2014 Silicon Graphics, Inc. All rights reserved.
Copyright (C) 2008-2011 Red Hat, Inc., Ingo Molnar
Copyright (C) 2008-2011 Rafael J. Wysocki <rjw@sisk.pl>, Novell Inc.
Copyright (C) 2008-2011 Manuel Lauss
Copyright (C) 2008-2011 Freescale Semiconductor, Inc. Author: Timur Tabi <timur@freescale.com>
Copyright (C) 2008-2011 DENX Software Engineering GmbH Author: Heiko Schocher <hs@denx.de>
Copyright (C) 1996-2011 Alan Cox <alan@lxorguk.ukuu.org.uk>, All Rights Reserved.
Copyright (C) 2008-2011 Advanced Micro Devices Inc.
Copyright (C) 2008-2011 Luis R. Rodriguez <mcgrof@qca.qualcomm.com>
Copyright (C) 2008-2010, 2012 Texas Instruments, Inc. Paul Walmsley Rajendra Nayak <rnayak@ti.com>
Copyright (C) 2008-2011 Thomas Chou <thomas@wytron.com.tw>
Copyright (C) 2005-2010 Samsung Electronics Kyungmin Park <kyungmin.park@samsung.com>
Copyright (C) 2008-2010 Pavel Cheblakov <P.B.Cheblakov@inp.nsk.su>
Copyright (C) 2008-2010 Nokia Corporation Contact: Felipe Balbi <felipe.balbi@nokia.com>
Copyright (C) 2008-2010 Kurt Van Dijck, EIA Electronics
Copyright (C) 2008-2010 Jonathan Cameron
Copyright (C) 2008-2012 Cisco Systems, Inc. All rights reserved.
Copyright (C) 2008-2009: Marvell Corporation, all rights reserved.
Copyright (C) 2007-2009 , Thomas Gleixner <tglx@linutronix.de>
Copyright (C) 2008-2009, MontaVista Software, Inc. <source@mvista.com>
Copyright (C) 2008-2009, 2012 Freescale Semiconductor, Inc. Author: Mingkai Hu <Mingkai.hu@freescale.com>
Copyright (C) 2008-2009 microdia project <microdia@googlegroups.com>
Copyright (C) 2008-2009 by Michal Miroslaw
Copyright (C) 2008-2009 by Jussi Kivilinna <jussi.kivilinna@iki.fi>
Copyright (C) 2006-2009 WIZnet Co.,Ltd.
Copyright (C) 2008-2013 VMware, Inc., Palo Alto, CA., USA All Rights Reserved.
Copyright (C) 2008-2009 USI Co., Ltd.
Copyright (C) 2008-2009 Tower Technologies Written by Alessandro Zummo <a.zummo@towertech.it>
Copyright (C) 2004-2009 The GameCube Linux Team

Copyright (C) 2008-2011 Tejun Heo <tj@kernel.org>
 Copyright (C) 2008-2015 Samsung Electronics
 Copyright (C) 2006-2014 SUSE Linux Products GmbH
 Copyright (C) 2008-2009 ST-Ericsson AB. Author: Mattias Wallin
 <mattias.wallin@stericsson.com>.
 Copyright (C) 2008-2009 Red Hat, Inc. Authors: Izik Eidus Andrea Arcangeli Chris Wright Hugh
 Dickins
 Copyright (C) 2002-2009 Ralph Metzler <rjkm@metzlerbros.de>
 Copyright (C) 2008-2009 Pengutronix <kernel@pengutronix.de>
 Copyright (C) 2003-2009 Pavel Machek
 Copyright (C) 2008-2009 Paulius Zaleckas <paulius.zaleckas@teltonika.lt>
 Copyright (C) 2008-2009 Paul Mackerras, IBM Corporation.
 Copyright (C) 2006-2009 Panasonic Corporation All Rights Reserved.
 Copyright (C) 2008-2012 Pablo Neira Ayuso <pablo@netfilter.org>
 Copyright (C) 2005-2009 MontaVista Software, Inc. <source@mvista.com>
 Copyright (C) 2007-2009 Marvell Ltd.
 Copyright (C) 2008-2009 Manuel Lauss <manuel.lauss@gmail.com>
 Copyright (C) 2008-2012 Laurent Pinchart <laurent.pinchart@ideasonboard.com>
 Copyright (C) 2008-2009 Ksplice, Inc. Author: Tim Abbott <tabbott@ksplice.com>
 Copyright (C) 2008-2009 Ira W. Snyder <iws@ovro.caltech.edu>
 Copyright (C) 2008-2014 H Hartley Sweeten <hsweeten@visionengravers.com>
 Copyright (C) 2008-2009 Eric Piel
 Copyright (C) 2008-2009 Deep Root Systems, LLC
 Copyright (C) 2008-2009 Ben. Herrenschmidt (benh@kernel.crashing.org), IBM Corp.
 Copyright (C) 2008-2009 Angelo Arrifano <miknix@gmail.com>
 Copyright (C) 2008-2009 Akamai Technologies, Inc. Portions by Hitoshi Mitake
 <h.mitake@gmail.com>.
 Copyright (C) 2008-14 Intel Corporation Authors: Vinod Koul <vinod.koul@intel.com> Harsha
 Priya <priya.harsha@intel.com> Dharageswari R <dharageswari.r@intel.com> KP Jeeja
 <jeeja.kp@intel.com>
 Copyright (C) 2008-14 Intel Corp Authors: Vinod Koul <vinod.koul@intel.com> Harsha Priya
 <priya.harsha@intel.com> Dharageswari R <dharageswari.r@intel.com>
 Copyright (C) 2008-14 Intel Corp Authors: Vinod Koul <vinod.koul@intel.com> Harsha Priya
 <priya.harsha@intel.com> Dharageswari R <dharageswari.r@intel.com> KP Jeeja
 <jeeja.kp@intel.com>
 Copyright (C) 2008--2011 Nokia Corporation
 Copyright (C) 2008,2009,2010,2011 Imagination Technologies Ltd.
 Copyright (C) 2008,2009,2010 Nokia Corporation. All rights reserved.
 Copyright (C) 2008-2009 , Steven Rostedt <srostedt@redhat.com>
 Copyright (C) 2008,2009 STMicroelectronics
 Copyright (C) 2008,2009 Intel Corporation Author: Patrick Ohly <patrick.ohly@intel.com>
 Copyright (C) 2008-2013 CompuLab Ltd.
 Copyright (C) 2004-2009 Albert Herranz
 Copyright (C) 2008, cozybit Inc.
 Copyright (C) 2008, Volker Weiss <dev@tintuc.de>
 Copyright (C) 2008, VMware, Inc. Author : Alok N Kataria <akataria@vmware.com>
 Copyright (C) 2008, VMware, Inc.
 Copyright (C) 2008, Trond Myklebust <Trond.Myklebust@netapp.com>
 Copyright (C) 2008, Robert Jarzmik <robert.jarzmik@free.fr>
 Copyright (C) 2008, Red Hat Inc, Ingo Molnar <mingo@redhat.com> 2011, Red Hat Inc,
 Arnaldo Carvalho de Melo <acme@redhat.com>
 Copyright (C) 2008, RealTEK Technologies Inc. All Rights Reserved.
 Copyright (C) 2008, Paulius Zaleckas <paulius.zaleckas@teltonika.lt>
 Copyright (C) 2008, Moxa Inc.
 Copyright (C) 2008, Jouni Malinen <j@w1.fi>

Copyright (C) 2008, Johannes Berg <johannes@sipsolutions.net>
 Copyright (C) 2006-2008 , Jaya Kumar
 Copyright (C) 2008, Intel Corp. Author: Huang Ying <ying.huang@intel.com> Vinodh Gopal
 <vinodh.gopal@intel.com> Kahraman Akdemir
 Copyright (C) 2008, Guennadi Liakhovetski, DENX Software Engineering <lg@denx.de>
 Copyright (C) 2008, Guennadi Liakhovetski <kernel@pengutronix.de>
 Copyright (C) 2008, Creative Technology Ltd. All Rights Reserved.
 Copyright (C) 2007-2012 IBM Corp. Author(s): Peter Oberparleiter
 <peter.oberparleiter@de.ibm.com>
 Copyright (C) 2008, 2012 IBM Corp. Author(s): Cornelia Huck <cornelia.huck@de.ibm.com>
 Copyright (C) 2008, 2011 Nokia Corporation Kalle Jokiniemi Paul Walmsley
 Copyright (C) 2003-2010 -2011 Nokia Corporation
 Copyright (C) 2007-2010 , Oracle and/or its affiliates. All rights reserved.
 Copyright (C) 2004-2013 Pengutronix
 Copyright (C) 2008, 2010 Embecosm Limited.
 Copyright (C) 2008, 2010 Davide Rizzo <elipa.rizzo@gmail.com>
 Copyright (C) 2008, 2009, 2010 Paxton Smith, Matthew Safar, Rory Filer
 linux@sierrawireless.com>
 Copyright (C) 2008, 2009, 2010 Nitin Gupta 2012, 2013 Minchan Kim
 Copyright (C) 2008, 2009, 2010 Michael Krufky <mkrufky@linuxtv.org>
 Copyright (C) 2008, 2009, 2010 Marvell Semiconductor Inc.
 Copyright (C) 2008-2013 secunet Security Networks AG
 Copyright (C) 2008, 2009 Wind River Systems written by Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2008-2011 Steffen Klassert <steffen.klassert@secunet.com>
 Copyright (C) 2008, 2009 Renesas Technology Corp. All rights reserved.
 Copyright (C) 2008-2009 Renesas Solutions Corp. Kuninori Morimoto
 <morimoto.kuninori@renesas.com>
 Copyright (C) 2008-2009 Provigent Ltd.
 Copyright (C) 2008-2009 Nobuhiro Iwamatsu <iwamatsu.nobuhiro@renesas.com>
 Copyright (C) 2008-2010 Matt Fleming
 Copyright (C) 2008, 2009 Intel Corporation Authors: Andi Kleen, Fengguang Wu
 Copyright (C) 2008, 2009 Intel Corporation Author: Andi Kleen
 Copyright (C) 2008, 2009 Elina Pasheva, Matthew Safar, Rory Filer linux@sierrawireless.com>
 Copyright (C) 2008-2011 Boaz Harrosh <ooo@electrozaur.com>
 Copyright (C) 2008, 2009 Adam Baker and Theodore Kilgore
 Copyright (C) 2008, 2005 Rusty Russell rusty@rustcorp.com.au
 Copyright (C) 2008 unsik Kim <donari75@gmail.com>
 Copyright (C) 2007-2008 rPath, Inc. - All Rights Reserved
 Copyright (C) 2008 mGine Co.,LTD
 Copyright (C) 2008 mGine Co.
 Copyright (C) 2008 linwizard.sourceforge.net
 Copyright (C) 2008 by Tom Tucker <tom@opengridcomputing.com>
 Copyright (C) 2008 by Sascha Hauer <kernel@pengutronix.de>
 Copyright (C) 2008 by Sander Huijsen <Shuijsen@optelecom-nkf.com> Troy Kisky
 <troy.kisky@boundarydevices.com> Dirk Behme <Dirk.Behme@gmail.com>
 Copyright (C) 2008 by Pengutronix
 Copyright (C) 2008 by Martin Bachem (info@bachem-it.com)
 Copyright (C) 2008 by Konrad Rzeszutek <ketuzsezt@darnok.org>
 Copyright (C) 2008 by Karsten Keil (kkeil@suse.de)
 Copyright (C) 2008 by Karsten Keil <kkeil@novell.com>
 Copyright (C) 2008 by Jaya Kumar
 Copyright (C) 2008 by IBM, Corp.
 Copyright (C) 2005-2008 by Digi International Inc. All rights reserved.
 Copyright (C) 2000-2008 by David Brownell
 Copyright (C) 2008 by Andreas Eversberg <andreas@eversberg.eu>

Copyright (C) 2007-2008 Yoshihiro Shimoda
 Copyright (C) 2008 WonderMedia Technologies, Inc.
 Copyright (C) 2008 Wolfram Sang & Juergen Beisert, Pengutronix
 Copyright (C) 2008 Wind River Systems, written by Ralf Baechle
 Copyright (C) 2008 Wind River Systems, Inc. Tiejun Chen <tiejun.chen@windriver.com>
 Copyright (C) 2008 Wind River Systems, Inc. written by Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2008 Wind River Systems
 Copyright (C) 2008 Weinmann GmbH
 Copyright (C) 2008 Vasiliy Leonenko <vasiliy.leonenko@gmail.com>
 Copyright (C) 2008 TurboSight.com, Bob Liu <bob@turbosight.com>
 Copyright (C) 2008 Tony Vroon <tony@linx.net>
 Copyright (C) 2008 Thomas Champagne (lafeuil@gmail.com)
 Copyright (C) 1998-2008 Thomas Bogendoerfer
 Copyright (C) 2001-2008 Thiemo Seufer
 Copyright (C) 2008 Texas Instruments Inc. Nishant Kamat <nskamat@ti.com>
 Copyright (C) 2008 Texas Instruments Inc Author: Vaibhav Hiremath <hvaibhav@ti.com>
 Copyright (C) 2000-2008 Takashi Iwai
 Copyright (C) 2008 THE cpufrequtils.. Claudio Eduardo <claudioeddy@gmail.com>
 Copyright (C) 2008 Sylver Bruneau <sylver.bruneau@gmail.com>
 Copyright (C) 2008 Sun Microsystems
 Copyright (C) 2008 Sujith Thomas <sujith.thomas@intel.com>
 Copyright (C) 2008 SuSE Linux Products GmbH Thomas Renninger <trenn@suse.de>
 Copyright (C) 2004-2008 Steven Toth <stoth@linuxtv.org>
 Copyright (C) 2008 Steven Noonan <steven@uplinklabs.net>
 Copyright (C) 2008 SlimLogic Ltd.
 Copyright (C) 2008 Sirius International (Hong Kong) Limited Timothy Lee
 <timothy.lee@siriushk.com>
 Copyright (C) 2008 Simtec Electronics, Ben Dooks <ben@simtec.co.uk> <ben-linux@fluff.org>
 Copyright (C) 2008 Simtec Electronics, Ben Dooks <ben@simtec.co.uk>
 Copyright (C) 2008 Simtec Electronics Daniel Silverstone <dsilvers@simtec.co.uk> Vincent
 Sanders <vince@simtec.co.uk>
 Copyright (C) 2008 Simtec Electronics Daniel Silverstone <dsilvers@simtec.co.uk>
 Copyright (C) 1999-2008 Silicon Graphics, Inc. All Rights Reserved.
 Copyright (C) 2008 Shane McDonald
 Copyright (C) 2008 Sensoray Company Inc.
 Copyright (C) 2008 Sebastian Haas (initial chardev implementation)
 Copyright (C) 2008 Sebastian Haas <haas@ems-wuensche.com>
 Copyright (C) 2008 Scott Shawcroft (scott.shawcroft@gmail.com)
 Copyright (C) 2008 Sascha Hauer, kernel@pengutronix.de
 Copyright (C) 2008 Samsung Electronics. Author: Ryu Euiyoul ryu.real@gmail.com
 Copyright (C) 2008 SUSE LINUX Products GmbH by Bernhard Walle
 <bernhard.walle@gmx.de>
 Copyright (C) 2008 STMicroelectronics.
 Copyright (C) 2008 SPES Societa' Progettazione Elettronica e Software Ltd. Author: Luca
 Santini <luca.santini@spesonline.com>
 Copyright (C) 2008 SGI Christoph Lameter <clameter@sgi.com>
 Copyright (C) 2008 Rod Whitby <rod@whitby.id.au>
 Copyright (C) 2008 Riku Voipio <riku.voipio@movial.fi>
 Copyright (C) 2008 Renesas Solutions Corp. Author : Yusuke Goda
 <goda.yusuke@renesas.com>
 Copyright (C) 2008 Renesas Solutions
 Copyright (C) 2008 Renaud CERRATO r.cerrato@til-technologies.fr
 Copyright (C) 2008 Red Hat, Inc., James Morris <jmorris@redhat.com>
 Copyright (C) 2008 Red Hat, Inc., Eric Paris <eparis@redhat.com>
 Copyright (C) 2008 Red Hat, Inc. Steven Rostedt <srostedt@redhat.com>

Copyright (C) 2008 Red Hat, Inc. Author: Chris Wright
 Copyright (C) 2008 Realtek
 Copyright (C) 2006-2008 Qumranet, Inc.
 Copyright (C) 2008 Pylone, Inc.
 Copyright (C) 2008 Pierrick Hascoet <pierrick.hascoet@abilis.com>
 Copyright (C) 2006-2008 Pierre Ossman
 Copyright (C) 2008 Philip Langdale
 Copyright (C) 2008 Philip Balister, OpenSDR <philip@opensdr.com>
 Copyright (C) 2006-2008 Peter Korsgaard <jacmet@sunsite.dk>
 Copyright (C) 2008 Peter Gruber <nokos@gmx.net>
 Copyright (C) 2008 Peter Griffin pgriffin@mpc-data.co.uk
 Copyright (C) 2008 Peter Griffin <pgriffin@mpc-data.co.uk>
 Copyright (C) 2008 Per Dalen <per.dalen@cnw.se>
 Copyright (C) 2008 Pekka Paalanen <pq@iki.fi>
 Copyright (C) 2008 Paul Hays <Paul.Hays@cattail.ca>.
 Copyright (C) 2008 Pau Oliva Fora <pof@eslack.org>
 Copyright (C) 2005-2008 Patrick Boettcher <pb@linuxtv.org>
 Copyright (C) 2008 Option International Filip Aben <f.aben@option.com> Denis Joseph Barrow
 <d.barow@option.com> Jan Dumon <j.dumon@option.com>
 Copyright (C) 2008 Openmoko, Inc.
 Copyright (C) 2008 Nuvoton technology corporation.
 Copyright (C) 2008 Nuvoton Technology Corp. Wei Song
 Copyright (C) 2008 Novell, Inc.
 Copyright (C) 2008 Nokia Corporation Mikko Ylinen <mikko.k.ylinen@nokia.com>
 Copyright (C) 2008 Nokia Corporation Kalle Jokiniemi
 Copyright (C) 2008 Nokia Corporation Jouni Hogander
 Copyright (C) 2008 Nokia Corporation Contact: Jarkko Nikula <jarkko.nikula@bitmer.com>
 Peter Ujfalusi <peter.ujfalusi@ti.com>
 Copyright (C) 2008 Nokia Corporation Author: Vikram Pandita
 Copyright (C) 2008 Nokia Corporation Author: Texas Instruments
 Copyright (C) 2008 Nokia Corporation Author: David Brownell Modified: Klaus Schwarzkopf
 <schwarzkopf@sensortherm.de>
 Copyright (C) 2008 Nir Tzachar <nir.tzachar@gmail.com>
 Copyright (C) 2008 Nicolas Schichan <nschichan@freebox.fr>
 Copyright (C) 2006-2008 Nick Piggin
 Copyright (C) 2008 Nick Forbes <nick.forbes@incepta.com>
 Copyright (C) 2008 Nicholas Beck <nbeck@mpc-data.co.uk>
 Copyright (C) 2008 NetApp. All Rights Reserved.
 Copyright (C) 2008 NXP Semiconductors Daniel Laird <daniel.j.laird@nxp.com> Andre
 McCurdy <andre.mccurdy@nxp.com>
 Copyright (C) 2008 NXP Semiconductors Chris Steel <chris.steel@nxp.com> Daniel Laird
 <daniel.j.laird@nxp.com>
 Copyright (C) 2008 Mistral Solutions Pvt Ltd.
 Copyright (C) 2008 Miromico AG.
 Copyright (C) 2008 Mijhail Moreyra <mijhail.moreyra@gmail.com>
 Copyright (C) 2008 Mercury IMC Ltd Written by Mark Jackson <mpfj@mimc.co.uk>
 Copyright (C) 2008 Mercury IMC Ltd
 Copyright (C) 2008 Mediamia Technologies
 Copyright (C) 2005-2008 Maxime Bizon <mbizon@freebox.fr>
 Copyright (C) 2008 MaxLinear
 Copyright (C) 2008 Matthew Garrett <mjg@redhat.com>
 Copyright (C) 2008 Marvell. <kewei@marvell.com>
 Copyright (C) 2008 Marvell Semiconductors, All Rights Reserved.
 Copyright (C) 2008 Martinsson Elektronik AB
 Copyright (C) 2008 Mark Nelson, IBM Corp.

Copyright (C) 2008 Manuel Traut <manut@linutronix.de>
 Copyright (C) 2007-2008 Manuel Lauss <mano@roarinelk.homelinux.net>
 Copyright (C) 2008 Maarten Maathuis. All Rights Reserved.
 Copyright (C) 2008 MIMOMax Wireless Ltd.
 Copyright (C) 2008 Lyrtech inc
 Copyright (C) 2008 Lyrtech
 Copyright (C) 2008 Luotao Fu, kernel@pengutronix.de
 Copyright (C) 2006-2008 Lineo Solutions, Inc.
 Copyright (C) 2008 Lemote Inc. Author: liujl <liujl@lemote.com>.
 Copyright (C) 2008 Lai Jiangshan <laijs@cn.fujitsu.com>
 Copyright (C) 2008 Kyle McMartin <kyle@mcmartin.ca>
 Copyright (C) 2008 Kuninori Morimoto <morimoto.kuninori@renesas.com>
 Copyright (C) 2008 Krzysztof Piotr Oledzki <ole@ans.pl>
 Copyright (C) 1998-2009 Krzysztof Halasa <khc@pm.waw.pl>
 Copyright (C) 2008 Korolev Alexey <akorolev@infradead.org>
 Copyright (C) 2008 Koninklijke Philips Electronics NV. Author: Frans Meulenbroeks
 Copyright (C) 2004-2008 Koninklijke Philips Electronics NV.
 Copyright (C) 2008 Kim B. Heino
 Copyright (C) 2008 Kevin D. Kissell
 Copyright (C) 2008 Juergen Beisert, kernel@pengutronix.de
 Copyright (C) 2008 Juergen Beisert (kernel@pengutronix.de)
 Copyright (C) 2008 Juergen Beisert
 Copyright (C) 2008 Jordan Crouse <jordan@cosmicpenguin.net>
 Copyright (C) 2008 John Poet
 Copyright (C) 2008 Johannes Weiner <hannes@saeurebad.de>.
 Copyright (C) 2004-2008 Jochen Friedrich <jochen@scram.de>
 Copyright (C) 2008 Jiri Hladky.
 Copyright (C) 2008 Jim Paris <jim@jtan.com>
 Copyright (C) 2008 Jim Law - Iris LP All rights reserved.
 Copyright (C) 2008 Janne Grunau (j@jannau.net)
 Copyright (C) 2008 Jan Hoogenraad.
 Copyright (C) 2008 James Bottomley <James.Bottomley@HansenPartnership.com>
 Copyright (C) 2008 Jack Ren <jack.ren@marvell.com>
 Copyright (C) 2008 JMicron Technology Corporation.
 Copyright (C) 2006-2008 International Business Machines Corp. Author(s): Michael A. Halcrow
 <mahalcro@us.ibm.com>
 Copyright (C) 2008 Intel Corporation Authors: Austin Zhang <austin_zhang@linux.intel.com>
 Kent Liu <kent.liu@intel.com>
 Copyright (C) 2008 Intel Corporation Authors: Andy Henroid <andrew.d.henroid@intel.com>
 Venkatesh Pallipadi <venkatesh.pallipadi@intel.com>
 Copyright (C) 2005-2008 Intel Corporation <linux-wimax@intel.com> Inaky Perez-Gonzalez
 <inaky.perez-gonzalez@intel.com>
 Copyright (C) 2008 Intel Corporation <linux-wimax@intel.com>
 Copyright (C) 2008 Intel Corp. Shaohua Li <shaohua.li@intel.com>
 Copyright (C) 2008 Instituto Nokia de Tecnologia Contact: Eduardo Valentin
 <eduardo.valentin@indt.org.br>
 Copyright (C) 2008 Ilya Yanok, Emcraft Systems
 Copyright (C) 2007-2008 IBM, Inc. by Konrad Rzeszutek <konradr@linux.vnet.ibm.com>
 Copyright (C) 2008 IBM Corporation. written by Rusty Russell <rusty@rustcorp.com.au>
 Copyright (C) 2008 IBM Corporation Author: Nathan Lynch.
 Copyright (C) 2008 IBM Corporation Author: Mimi Zohar <zohar@us.ibm.com>
 Copyright (C) 2008 IBM Corporation Author(s): Brian King (brking@linux.vnet.ibm.com),
 Copyright (C) 2008 IBM Corporation Authors: Sebastian Ott <sebott@linux.vnet.ibm.com>
 Copyright (C) 2008 IBM Corporation Author(s): Jan Glauber <jang@linux.vnet.ibm.com>
 Copyright (C) 2008 IBM Corp., Benjamin Krill <ben@codiert.org>

Copyright (C) 2008 IBM Corp. Josh Boyer <jwboyer@linux.vnet.ibm.com>
 Copyright (C) 1999-2008 IBM Corp. Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com)
 Copyright (C) 2008 Hewlett-Packard Development Company, L.P. David Altobelli
 <david.altobelli@hp.com>
 Copyright (C) 2002-2008 Hewlett-Packard Development Company, L.P. Bjorn Helgaas
 <bjorn.helgaas@hp.com>
 Copyright (C) 2008 Henrik Kurelid <henrik@kurelid.se>
 Copyright (C) 2005-2008 Hartmut Hackmann
 Copyright (C) 2008 Harrison Metzger <harrisonmetz@gmail.com>.
 Copyright (C) 2008 Harald Welte <laforge@gnufiish.org>
 Copyright (C) 2008 Hans de Goede <j.w.r.degoede@hhs.nl>
 Copyright (C) 2008 Hannes Reinecke <hare@suse.de>
 Copyright (C) 2008 Guennadi Liakhovetski, Pengutronix
 Copyright (C) 2007-2008 Google, Inc. Author: Brian Swetland <swetland@google.com>
 Copyright (C) 2008 Google Inc. Author: Robert Love
 Copyright (C) 2008 Glauber de Oliveira Costa, Red Hat Inc.
 Copyright (C) 2008 Giuseppe Coviello <gicoviello@gmail.com>
 Copyright (C) 2008 Gilead Kutnick <kutnickg@zin-tech.com>
 Copyright (C) 2008 Gerhard Pircher (gerhard_pircher@gmx.net)
 Copyright (C) 2007-2008 Gabor Juhos <juhosg at openwrt.org>
 Copyright (C) 2008 Freescale Semiconductor, Inc. Written By Michael Meissner
 Copyright (C) 2008 Freescale Semiconductor, Inc. All rights reserved. Dave Liu
 <daveliu@freescale.com>
 Copyright (C) 2008 Freescale Semiconductor Inc. John Rigby <jrigby@gmail.com>
 Copyright (C) 2008 Frank Zago.
 Copyright (C) 2008 Filip Aben <f.aben@option.com> Denis Joseph Barrow
 <d.barow@option.com> Jan Dumon <j.dumon@option.com>
 Copyright (C) 2008 Fabio Checconi <fabio@gandalf.sssup.it> Paolo Valente
 <paolo.valente@unimore.it>
 Copyright (C) 2008 Eric Miao <eric.miao@marvell.com>
 Copyright (C) 2005-2008 Embedded Alley Solutions, Inc.
 Copyright (C) 2008 Embedded Alley Solutions, Inc All Rights Reserved.
 Copyright (C) 2008 EMC Corporation
 Copyright (C) 2008 Dmitri Vorobiev
 Copyright (C) 1999-2010 David Woodhouse <dwmw2@infradead.org>
 Copyright (C) 2008 David Daney
 Copyright (C) 2008 Dave S.r.l.
 Copyright (C) 2008 Darius Augulis <darius.augulis at teltonika.lt>
 Copyright (C) 2008 Constantin Baranov <const@mimas.ru>
 Copyright (C) 2004-2008 Compulab Ltd.
 Copyright (C) 2008 Codehermit
 Copyright (C) 2008 Cluster Computing, Inc.
 Copyright (C) 2008 Christoph Hellwig, IBM Corp.
 Copyright (C) 2008 Christian Pellegrin <chripell@evolware.org>
 Copyright (C) 2008 Christian Lamparter <chunkeey@web.de>
 Copyright (C) 2008 Christian Kornacker <ckornacker@suse.de>
 Copyright (C) 2008 Christian Hohnstaedt <chohnstaedt@innominate.com>
 Copyright (C) 2008 Chipidea - MIPS Technologies, Inc. All rights reserved.
 Copyright (C) 2008 Cezary Jackiewicz <cezary.jackiewicz (at) gmail.com>
 Copyright (C) 2008 Cezary Jackiewicz <cezary.jackiewicz (at) gmail.com>
 Copyright (C) 2008 Cedric Bregardis <cedric.bregardis@free.fr> and Jean-Christian Hassler
 <jhassler@free.fr>
 Copyright (C) 2008 Cavium Networks Scott Shu
 Copyright (C) 2008 Byron Bradley <byron.bbradley@gmail.com>
 Copyright (C) 2008 Bryan Wu <cooloney@kernel.org>

Copyright (C) 2008 Brandon Philips <brandon@ifup.org>
 Copyright (C) 2007-2008 Ben Skeggs. All Rights Reserved.
 Copyright (C) 2008 Ben Gamari <bgamari@gmail.com> All Rights Reserved.
 Copyright (C) 2008 Ben Backx <ben@bbackx.com>
 Copyright (C) 2008 Badari Pulavarty, IBM Corporation
 Copyright (C) 2008 Applied Micro Circuits Corporation Victor Gallardo <vgallardo@amcc.com>
 Adam Graham <agraham@amcc.com>
 Copyright (C) 2004-2008 Antoine Jacquet <royale@zerezo.com>
 Copyright (C) 2008 Angelo Castello
 Copyright (C) 2008 Alexey Starikovskiy <astarikovskiy@suse.de>
 Copyright (C) 2008 Alexey Kopytko <alexey@kopytko.ru>
 Copyright (C) 2006-2008 Alex Osborne <ato@meshy.org>
 Copyright (C) 2006-2008 Alex Dubov <oakad@yahoo.com>
 Copyright (C) 2008 Aleksandar Radovanovic <biblbroks@sezampro.rs>
 Copyright (C) 2003-2008 Alan Stern
 Copyright (C) 2008 Airvana Inc.
 Copyright (C) 2008 Adam Nielsen <a.nielsen@shikadi.net>
 Copyright (C) 2008 Abhishek Sagar <sagar.abhishek@gmail.com>
 Copyright (C) 2008 AXIS Communications AB Written by Edgar E. Iglesias
 Copyright (C) 2002-2008 ARM Limited, All Rights Reserved.
 Copyright (C) 2008 ARM Limited Written by Catalin Marinas <catalin.marinas@arm.com>
 Copyright (C) 2008 AMCC <tmarri@amcc.com>
 Copyright (C) 2004-2013 by Tensilica Inc.
 Copyright (C) 2008-2015 Marvell Technology Group Ltd.
 Copyright (C) 2005-2009 Greg Kroah-Hartman <gregkh@suse.de>
 Copyright (C) 2007-2009 Atheros Corporation. All rights reserved.
 Copyright (C) 2008-2008 <srinivasa.deevi at conexant dot com>.
 Copyright (C) 2005-2007 -8 Patrick Boettcher <pb@linuxtv.org>
 Copyright (C) 2007-8 Advanced Micro Devices, Inc.
 Copyright (C) 2007-2014 by Sensoray Company Inc. Dean Anderson
 Copyright (C) 2007-2014 STMicroelectronics Ltd Author: Giuseppe Cavallaro
 <peppe.cavallaro@st.com>
 Copyright (C) 2007-2013 Texas Instruments, Inc. Vikram Pandita <vikram.pandita@ti.com>
 Anand Gadiyar <gadiyar@ti.com> Keshava Munegowda <keshava_mgowda@ti.com> Roger
 Quadros <rogerq@ti.com>
 Copyright (C) 2007-2013 ST-Ericsson License. Per Friden <per.friden@stericsson.com>
 Copyright (C) 2003-2013 Datera, Inc.
 Copyright (C) 2007-2012 ST-Ericsson SA Author: Linus Walleij <linus.walleij@stericsson.com>
 Copyright (C) 2007-2012 ST-Ericsson ABAuthor: Linus Walleij <linus.walleij@stericsson.com>
 Author: Jonas Aaberg <jonas.aberg@stericsson.com>
 Copyright (C) 2007-2012 ST-Ericsson AB Author: Linus Walleij <linus.walleij@linaro.org>
 Author: Jonas Aaberg <jonas.aberg@stericsson.com>
 Copyright (C) 2007-2012 ST-Ericsson AB . Author: Linus Walleij <linus.walleij@stericsson.com>
 Jonas Aaberg <jonas.aberg@stericsson.com>
 Copyright (C) 2001-2012 Patrick McHardy <kaber@trash.net>
 Copyright (C) 2007-2012 Daniel Wang Allwinner Technology Co., Ltd.
 Copyright (C) 2007-2011 Texas Instruments, Inc. Rajendra Nayak, Santosh Shilimkar
 Copyright (C) 2007-2011 Texas Instruments Author: Vikram Pandita <vikram.pandita@ti.com>
 Author: Keshava Munegowda <keshava_mgowda@ti.com>
 Copyright (C) 2006-2012 Rafael J. Wysocki <rjw@sisk.pl>.
 Copyright (C) 2007-2011 MSC Vertriebsges.m.b.H., Manuel Lauss <manuel.lauss@gmail.com>
 Copyright (C) 2007-2010, 2011-2012 Synopsys, Inc.
 Copyright (C) 2007-2010 Texas Instruments, Inc. Author: Vikram Pandita
 <vikram.pandita@ti.com> Author: Anand Gadiyar <gadiyar@ti.com> Author: Keshava
 Munegowda <keshava_mgowda@ti.com>

Copyright (C) 2007-2010 ST-Ericsson. Author: Mattias Wallin <mattias.wallin@stericsson.com>
Copyright (C) 2007-2010 ST-Ericsson. Author: Linus Walleij <linus.walleij@stericsson.com>
Copyright (C) 2004-2010 SMSC
Copyright (C) 2007-2010 Red Hat, Inc. by Peter Jones <pjones@redhat.com>
Copyright (C) 2007-2010 Hannes Reinecke, SUSE Linux Products GmbH. All rights reserved.
Copyright (C) 2007-2010 Advanced Micro Devices, Inc. Author: Joerg Roedel
<jroedel@suse.de> Leo Duran <leo.duran@amd.com>
Copyright (C) 2007-2010 Advanced Micro Devices, Inc. Author: Joerg Roedel
<joerg.roedel@amd.com> Leo Duran <leo.duran@amd.com>
Copyright (C) 2007-2009, OpenWrt.org, Florian Fainelli <florian@openwrt.org>.
Copyright (C) 2007-2011, Florian Fainelli <florian@openwrt.org>
Copyright (C) 2005-2009, 2012 Texas Instruments, Inc.
Copyright (C) 2007-2009, 2011-2012 Texas Instruments, Inc.
Copyright (C) 2007- 2008-2011 Texas Instruments, Inc.
Copyright (C) 2007-2009 ST-Ericsson. Author: Per Friden <per.friden@stericsson.com>
Copyright (C) 2007-2009 ST-Ericsson AB Author: Linus Walleij <linus.walleij@stericsson.com>
Copyright (C) 2007-2009 ST-Ericsson AB . Author: Linus Walleij <linus.walleij@stericsson.com>
Copyright (C) 2007-2009 ST-Ericsson AB Author: Linus Walleij <linus.walleij@stericsson.com>
Based on rtc-pl031.c by Deepak Saxena <dsaxena@plexity.net>
Copyright (C) 2007-2009 ST-Ericsson AB Author: Linus Walleij <linus.walleij@stericsson.com>
Copyright (C) 2007-2009 NEC Corporation. All Rights Reserved.
Copyright (C) 2007-2009 Michal Simek
Copyright (C) 2007-2009 Mattia Dongili <malattia@linux.it>
Copyright (C) 2007-2009 Matthias Schwarzott <zzam@gentoo.de>
Copyright (C) 2007-2009 Luca Tettamanti <kronos.it@gmail.com>
Copyright (C) 2004-2009 John Williams <john.williams@petalogix.com>
Copyright (C) 2005-2009 Jiri Slaby <jirislaby@gmail.com>
Copyright (C) 2006-2013 Jiri Kosina
Copyright (C) 2007-2009 HV Sistemas S.L.
Copyright (C) 2007-2009 David T.L. Wong <davidtlwong@gmail.com>
Copyright (C) 2007-2009 Arjan Opmeer <arjan@opmeer.net>
Copyright (C) 2007-2009 Andres Salomon <dilinger@collabora.co.uk>
Copyright (C) 2007-2009 Analog Devices Inc. Philippe Gerum <rpm@xenomai.org>
Copyright (C) 2007-2009 Analog Device Inc.
Copyright (C) 2007-2014 Advanced Micro Devices, Inc. All Rights Reserved.
Copyright (C) 2007-2009 Carlos Corbacho <carlos@strangeworlds.co.uk>
Copyright (C) 2007-2008, 2010 Nokia Corporation
Copyright (C) 2007-2008 rPath, Inc. All Rights Reserved
Copyright (C) 2007-2008 by Nokia Corporation
Copyright (C) 2007-2008 by Hans de Goede.
Copyright (C) 2007-2008 Yan Burman
Copyright (C) 2003-2008 Xilinx Inc. All rights reserved.
Copyright (C) 2007-2008 Texas Instruments, Inc. Rajendra Nayak <rnayak@ti.com>
Copyright (C) 2005-2008 TOSHIBA CORPORATION
Copyright (C) 2007-2008 Sven Anders (anders@anduras.de)
Copyright (C) 2007-2008 Peter Stokes <linux@dadeos.co.uk>
Copyright (C) 2002-2008 Paul Mackerras, IBM Corp.
Copyright (C) 2007-2008 OpenedHand Ltd.
Copyright (C) 2007-2008 Novell
Copyright (C) 2007-2010 Nouveau Project
Copyright (C) 2006-2011 Nokia Corporation. All rights reserved.
Copyright (C) 2007-2008 Marvell Semiconductor Lennert Buytenhek <buytenh@marvell.com>
Copyright (C) 2007-2008 Marvell Internation Ltd.
Copyright (C) 2007-2008 Luis R. Rodriguez <mcgrof@winlab.rutgers.edu>
Copyright (C) 2007-2008 Krzysztof Halasa <khc@pm.waw.pl>

Copyright (C) 2007-2008 Jason Wessel, Wind River Systems, Inc.
 Copyright (C) 2007-2008 Jaime Velasco Juan <jsagarribay@gmail.com>
 Copyright (C) 2006-2008 Intel Corporation Jesse Barnes <jesse.barnes@intel.com>
 Copyright (C) 2007-2008 Intel Corporation <linux-wimax@intel.com> Inaky Perez-Gonzalez
 <inaky.perez-gonzalez@intel.com> Yanir Lubetkin <yanirx.lubetkin@intel.com>
 Copyright (C) 2006-2009 Hewlett-Packard Development Company, L.P. Alex Chiang
 <achiang@hp.com>
 Copyright (C) 2005-2008 Finn Thain
 Copyright (C) 2006-2008 Dave Airlie
 Copyright (C) 2007-2008 Darron Broad.
 Copyright (C) 2007-2008 CC Computer Consultants GmbH
 Copyright (C) 2007-2008 BalaBit IT Ltd. Author: Krisztian Kovacs
 Copyright (C) 2007-2008 Avionic Design Development GmbH
 Copyright (C) 2007-2008 Anton Vorontsov <cbouatmailru@gmail.com>
 Copyright (C) 2007-2008 Andres Salomon <dilinger@debian.org>
 Copyright (C) 2001-2010 MontaVista Software, Inc.
 Copyright (C) 2007-2008 Carlos Corbacho <cathectic@gmail.com>
 Copyright (C) 2007-12 Wolfson Microelectronics PLC.
 Copyright (C) 2007,2010 Rene Herman
 Copyright (C) 2007,2009,2010 Bartlomiej Zolnierkiewicz
 Copyright (C) 2007,2008,2012 Imagination Technologies
 Copyright (C) 2007,2008,2009 Albert Herranz
 Copyright (C) 1999-2008 Thomas Bogendoerfer (tsbogend@alpha.franken.de)
 Copyright (C) 2007-2008 Kristoffer Ericson <Kristoffer.Ericson@gmail.com>
 Copyright (C) 2007,2008 Jonathan Woithe <jwoithe@just42.net>
 Copyright (C) 2007,2008 Freescale Semiconductor Inc. Hongjun Chen <hong-
 jun.chen@freescale.com>
 Copyright (C) 2007-2008 Dmitry Baryshkov
 Copyright (C) 2007, Werner Cornelius <werner@cornelius-consult.de>
 Copyright (C) 2007, SGI. Christoph Lameter <clameter@sgi.com>
 Copyright (C) 2007, Riku Voipio <riku.voipio@iki.fi>
 Copyright (C) 2007, Red Hat, Inc., Ingo Molnar <mingo@redhat.com>
 Copyright (C) 2007, Red Hat, Inc.
 Copyright (C) 2007, Nadi Sarrar
 Copyright (C) 2007, Miguel Gaio <miguel.gaio@efixo.com>
 Copyright (C) 2007, Michael Wu <flamingice@sourmilk.net>
 Copyright (C) 2007, Lennart Poettering
 Copyright (C) 2007, Jes Sorensen <jes@sgi.com> SGI.
 Copyright (C) 2007, Gabor Juhos <juhosg@openwrt.org> Felix Fietkau <nbd@openwrt.org>
 Florian Fainelli <florian@openwrt.org>
 Copyright (C) 2007, Frank A Kingswood <frank@kingswood-consulting.co.uk>
 Copyright (C) 2007, David Kilroy
 Copyright (C) 2007, CenoSYS.
 Copyright (C) 2007, Benedikt Spranger <b.spranger@linutronix.de>
 Copyright (C) 2007, Aurelien Jarno <aurelien@aurel32.net>
 Copyright (C) 2007, Andrew Victor
 Copyright (C) 2005-2015 , Broadcom Corporation
 Copyright (C) 2007, 2010 Texas Instruments, Inc. Rajendra Nayak <rnayak@ti.com> Lesly A M
 <x0080970@ti.com> Thara Gopinath <thara@ti.com>
 Copyright (C) 2007, 2009 Tiago Vignatti <vignatti@freedesktop.org>
 Copyright (C) 2007-2011 CompuLab, Ltd.
 Copyright (C) 2007, 2008-2014 Oracle Corporation Written by: Martin K. Petersen
 <martin.petersen@oracle.com>
 Copyright (C) 2007, 2008, 2011, 2012 Patrick McHardy <kaber@trash.net>

Copyright (C) 2007, 2008, 2010, 2011 Freescale Semiconductor, Inc. Zhang Wei <wei.zhang@freescale.com> Lian Minghuan-B31939 <Minghuan.Lian@freescale.com> Liu Gang <Gang.Liu@freescale.com>
 Copyright (C) 2007, 2008, 2010, 2011 Freescale Semiconductor, Inc. Zhang Wei <wei.zhang@freescale.com>
 Copyright (C) 2007, 2008, 2009, 2010, 2011 Cavium Networks
 Copyright (C) 2007, 2008, 2009 Siemens AG
 Copyright (C) 2007, 2008, 2009 Red Hat, Inc. All Rights Reserved. Written by Mark Salter (msalter@redhat.com).
 Copyright (C) 2007, 2008 Wolfson Microelectronics <linux@wolfsonmicro.com>
 Copyright (C) 2007, 2008 Vegard Nossund <vegardno@ifi.uio.no>
 Copyright (C) 2007, 2008 Oracle Corporation Written by: Martin K. Petersen <martin.petersen@oracle.com>
 Copyright (C) 2007, 2008 Nippon Telegraph and Telephone Corporation.
 Copyright (C) 2007, 2008 Magnus Damm
 Copyright (C) 2007, 2008 Karsten Wiese <fzu@wemgehoertderstaat.de>
 Copyright (C) 2007, 2008 Eric Van Hensbergen, IBM Corporation
 Copyright (C) 2006-2008 Compulab, Ltd. Mike Rapoport <mike@compulab.co.il>
 Copyright (C) 2007-2008 CompuLab, Ltd. Mike Rapoport <mike@compulab.co.il>
 Copyright (C) 2007 Étienne Bersac <bersace@gmail.com>
 Copyright (C) 2006-2007 xiong huang <xiong.huang@atheros.com>
 Copyright (C) 2007 kaval.
 Copyright (C) 2007 jetzbroadband.
 Copyright (C) 2007 by Thomas Bogendoerfer
 Copyright (C) 1994-2007 by Ralf Baechle
 Copyright (C) 2007 by Holger Schurig.
 Copyright (C) 2007 by Hans J. Koch <hjk@hansjkoeh.de>
 Copyright (C) 2007 by Bjorge Dijkstra <bjd@jooz.net>
 Copyright (C) 2007 by Analog Devices, Inc.
 Copyright (C) 2007 aCarLab (India) Pvt. Ltd.
 Copyright (C) 2007 Yoichi Yuasa <yoichi_yuasa@tripeaks.co.jp>
 Copyright (C) 2005-2007 Wolfson Microelectronics PLC. Author: Graeme Gregory graeme.gregory@wolfsonmicro.com.
 Copyright (C) 2007 Wind River Inc.
 Copyright (C) 2007 Vlad Drukker <vlad@storewiz.com>
 Copyright (C) 2007 United Security Providers
 Copyright (C) 2007 Trent Piepho <xyzyzy@speakeasy.org>
 Copyright (C) 2007 Tomi Orava (tomimo@ncircle.nullnet.fi)
 Copyright (C) 2007 Thorben Jändling <tj.trevelyan@gmail.com>
 Copyright (C) 2007 Thomas Bogendörfer (tsbogend@alpha.frankende)
 Copyright (C) 2007 Texas Instruments, Inc. Rajendra Nayak <rnayak@ti.com> Lesly A M.
 Copyright (C) 2007 Texas Instruments, Inc. Karthik Dasu <karthik-dp@ti.com>
 Copyright (C) 2007 Tehuti Networks Ltd. All rights reserved
 Copyright (C) 2007 Tehuti Networks Ltd.
 Copyright (C) 2004-2007 Sylvain Munaut <tnt@246tNt.com>
 Copyright (C) 2007 Sven Schnelle <svens@bitebene.org>
 Copyright (C) 2007 Sukadev Bhattiprolu <sukadev@us.ibm.com>, IBM.
 Copyright (C) 2007 Stephen Hemminger <shemminger@linux-foundation.org>
 Copyright (C) 2007 Stefan Kopp, Gechingen, Germany
 Copyright (C) 2006-2007 Sony Corp.
 Copyright (C) 2007 Sony Computer Entertainment Inc. All rights reserved.
 Copyright (C) 2006-2007 Sony Computer Entertainment Inc.
 Copyright (C) 2007 Solarflare Communications, Inc.
 Copyright (C) 2007 SoftwareBitMaker
 Copyright (C) 2007 Simtec Electronics <linux@simtec.co.uk>

Copyright (C) 2007 Semihalf Marian Balakowicz <m8@semihalf.com>
 Copyright (C) 2007 Sebastian Siewior <bigeasy@linutronix.de>
 Copyright (C) 2007 Sebastian Siewior
 Copyright (C) 2007 Sascha Hauer, Marc Kleine-Budde, Pengutronix <s.hauer@pengutronix.de>
 Simon Kallweit, intefo AG <simon.kallweit@intefo.ch>
 Copyright (C) 2007 Samuel Thibault.
 Copyright (C) 2007 Sam Revitch <samr7@cs.washington.edu>
 Copyright (C) 2006-2007 Rudolf Marek <r.marek@assembler.cz>
 Copyright (C) 2007 Rodolfo Giometti <giometti@enneenne.com>
 Copyright (C) 2003-2007 Robert Schwebel <r.schwebel@pengutronix.de>, Pengutronix
 Copyright (C) 2007 RightHand Technologies, Inc.
 Copyright (C) 2007 Richard Betts, All Rights Reserved.
 Copyright (C) 2007 Red Hat, Inc. Author: Michal Schmidt <mschmidt@redhat.com>.
 Copyright (C) 2007-2007 Red Hat, Inc. All Rights Reserved. Modified by David Howells
 (dhowells@redhat.com)
 Copyright (C) 2005-2007 Red Hat <alan@lxorguk.ukuu.org.uk>
 Copyright (C) 2007 Pengutronix Juergen Beisert <j.beisert@pengutronix.de>
 Copyright (C) 2007 Pavel Emelyanov <xemul@openvz.org>, OpenVZ, SWsoft Inc.
 Copyright (C) 2007 Paulo R. Zandoni <przanoni@gmail.com>
 Copyright (C) 2007 Panasas Inc. All rights reserved.
 Copyright (C) 2006-2008 PA Semi, Inc
 Copyright (C) 2007 Oyvind Repvik.
 Copyright (C) 2007 Openmoko Inc Author: Graeme Gregory <graeme@openmoko.org>
 Copyright (C) 2007 OpenWrt.org, Florian Fainelli <florian@openwrt.org>
 Copyright (C) 2007 OpenVZ.
 Copyright (C) 2007 OnStor, Inc. Andrew Sharp <andy.sharp@lsi.com>
 Copyright (C) 2007 Oliver Schuster <olivers137@aol.com>
 Copyright (C) 2007 Nuova Systems, Inc. All rights reserved.
 Copyright (C) 2007 Nicolas Thill <nico@openwrt.org>
 Copyright (C) 2007 Nicolas Boichat <nicolas@boichat.ch>
 Copyright (C) 2007 MontaVista Software, Inc., <source@mvista.com>
 Copyright (C) 2007 MontaVista Software, Inc Author: Alexandre Rusev <source@mvista.com>
 Copyright (C) 2005-2007 Mips Technologies, Inc.
 Copyright (C) 2005-2007 Mike Isely <isely@pobox.com>
 Copyright (C) 2007 Michel Ludwig <michel.ludwig@gmail.com> DVB-T support
 Copyright (C) 2007-2007 Michel Ludwig <michel.ludwig@gmail.com>
 Copyright (C) 2007 Michael Krufky
 Copyright (C) 2007 Metrologic Instruments. All rights reserved.
 Copyright (C) 2007 Mauro Carvalho Chehab, <mchehab@infradead.org>
 Copyright (C) 2006-2007 Matsushita Electric Industrial Co., Ltd.
 Copyright (C) 2007 Mathieu Desnoyers <mathieu.desnoyers@polymtl.ca>
 Copyright (C) 2007 Marvell International Ltd. 2008-02-28: Yong Yao <yaoyong@marvell.com>
 Copyright (C) 2007 Marvell International Ltd. eric miao <eric.miao@marvell.com>
 Copyright (C) 2000-2007 Martin K. Petersen <mkp@mkp.net>
 Copyright (C) 2007 Markus Brunner, Mark Jonas
 Copyright (C) 2001-2008 Marcel Holtmann <marcel@holtmann.org>
 Copyright (C) 2007 Manuel Lauss <mano@roarinelk.homelinux.net> I
 Copyright (C) 2007 Maarten Maathuis
 Copyright (C) 2007 MIPS Technologies, Inc. written by Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2007 MIPS Technologies, Inc. Chris Dearman (chris@mips.com)
 Copyright (C) 2002-2014 MEV Ltd.
 Copyright (C) 2007 LynuxWorks, Inc.
 Copyright (C) 2007 Luca Olivetti (luca@ventoso.org)
 Copyright (C) 2007 Luca Bigliardi (shammash@artha.org).
 Copyright (C) 2006-2007 Lennert Buytenhek <buytenh@wantstofly.org>

Copyright (C) 2007 Lemote, Inc. Author : jlliu, liujl@lemote.com
 Copyright (C) 2007 Lemote, Inc. & Institute of Computing Technology Author: Fuxin Zhang, zhangfx@lemote.com
 Copyright (C) 2007 Lemote Inc. Author: Fuxin Zhang, zhangfx@lemote.com
 Copyright (C) 2007 Lemote Inc. Author : jlliu, liujl@lemote.com
 Copyright (C) 2007 Lemote Inc. & Institute of Computing Technology Author: Fuxin Zhang, zhangfx@lemote.com
 Copyright (C) 2007 Kyle McMartin (kyle@parisc-linux.org)
 Copyright (C) 2007 Kyle McMartin
 Copyright (C) 2007 Kristoffer Ericson <Kristoffer_e1@hotmail.com>
 Copyright (C) 2007 Korea Information Security Agency (KISA).
 Copyright (C) 2007 KonekTel.
 Copyright (C) 2007 Kieran Bingham (MPC-Data Ltd)
 Copyright (C) 2007 Kees Lemmens.
 Copyright (C) 2007 Julien BLACHE <jb@jblache.org>
 Copyright (C) 2007 Juergen Beisert @ Pengutronix (j.beisert@pengutronix.de)
 Copyright (C) 2007 Juergen Beisert <j.beisert@pengutronix.de>
 Copyright (C) 2007 Jon Loeliger
 Copyright (C) 2005-2007 John Williams
 Copyright (C) 2007 Jens Axboe <jens.axboe@oracle.com>
 Copyright (C) 2000-2008 Jeff Dike (jdike@{addtoit,linux.intel}.com)
 Copyright (C) 2007 Jan D. Louw.
 Copyright (C) 2007 Jan D. Louw <jd.louw@mweb.co.za>
 Copyright (C) 2007 James E.J. Bottomley James.Bottomley@HansenPartnership.com>
 Copyright (C) 2005-2007 Intel Corporation Inaky Perez-Gonzalez <inaky.perez-gonzalez@intel.com>
 Copyright (C) 2007 Intel Corporation <linux-wimax@intel.com> Yanir Lubetkin <yanirx.lubetkin@intel.com> Inaky Perez-Gonzalez <inaky.perez-gonzalez@intel.com>
 Copyright (C) 2007 Intel Corporation <jonathan.lynch@intel.com>
 Copyright (C) 2007 Intel Corp. Zhang Yanmin (yanmin.zhang@intel.com) Shaohua Li (shaohua.li@intel.com)
 Copyright (C) 2007 Intel Corp Fenghua Yu <fenghua.yu@intel.com>
 Copyright (C) 2007 Intel Corp Bibo Mao <bibo.mao@intel.com> Huang Ying <ying.huang@intel.com>
 Copyright (C) 2007 Instituto Nokia de Tecnologia - INdT Author: Felipe Balbi <felipe.lima@indt.org.br>
 Copyright (C) 2007 Instituto Nokia de Tecnologia - INdT Author: Carlos Eduardo Aguiar <carlos.aguiar@indt.org.br>
 Copyright (C) 2007 Imre Kaloz <Kaloz@openwrt.org>
 Copyright (C) 2007 Ilyes Gouta.
 Copyright (C) 2004-2007 Ian Molton
 Copyright (C) 2007 IBM Corporation. Josh Boyer <jwboyer@linux.vnet.ibm.com>
 Copyright (C) 2007 IBM Corporation Josh Boyer <jwboyer@linux.vnet.ibm.com>
 Copyright (C) 2007 IBM Corp. Joy Latten <latten@us.ibm.com>
 Copyright (C) 2007 IBM Corp. Hugh Blemings <hugh@au.ibm.com>.
 Copyright (C) 2007 IBM Corp. Benjamin Herrenschmidt <benh@kernel.crashing.org>
 Copyright (C) 2007 IBM Corp. Authors: Peter Tiedemann (ptiedem@de.ibm.com)
 Copyright (C) 2007 Hugh Blemings, IBM Corporation.
 Copyright (C) 2007 Holger Schurig
 Copyright (C) 2007 Hitachi Software Engineering Co., Ltd. Yuichi Nakamura <ynakam@hitachisoft.jp>
 Copyright (C) 2004-2007 Hidetoshi Seto <seto.hidetoshi@jp.fujitsu.com>
 Copyright (C) 2007 Hewlett-Packard Development Company, L.P. Contributed by Peter Keilty <peter.keilty@hp.com>
 Copyright (C) 2002-2007 Herbert Valerio Riedel <hvr@gnu.org>

Copyright (C) 2006-2007 Hans Verkuil (hverkuil@xs4all.nl)
 Copyright (C) 2007 Hans J. Koch <hjk@hansjkoch.de>
 Copyright (C) 2007 Google, Inc. Author: Robert Love <rlove@google.com>
 Copyright (C) 2007 Gilles GIGAN <gilles.gigan@jcu.edu.au>
 Copyright (C) 2007 Gerald Van Baren, Custom IDEAS, vanbaren@cideas.com
 Copyright (C) 2007 Gary Jennejohn <garyj@denx.de>
 Copyright (C) 2007 Freescale Semiconductor, Inc. Author: Scott Wood
 <scottwood@freescale.com>
 Copyright (C) 2007 Freescale Semiconductor, Inc. Author: Li Yang
 Copyright (C) 2007 FUJITA Tomonori <tomof@acm.org>
 Copyright (C) 2007 Eurotech S.p.A. <info@eurotech.it>
 Copyright (C) 2007 Eureka srl Author: Claudio Lanconelli <lanconelli.claudio@eptar.com>.
 Copyright (C) 2007 Eugeny Boger <eugenyboger@dgap.mipt.ru>
 Copyright (C) 2007 Eric Dumazet <dada1@cosmosbay.com>
 Copyright (C) 2007 Eric Biederman <ebiederm@xmision.com>
 Copyright (C) 2007 Domen Puncer, Telargo, Inc.
 Copyright (C) 2004-2007 Dmitry Torokhov
 Copyright (C) 2007 Dmitri Vorobiev <dmitri.vorobiev@gmail.com>
 Copyright (C) 2007 Dension Audio Systems Ltd. Author: Zoltan Devai
 Copyright (C) 2007 Davud Gibson, IBM Corporation.
 Copyright (C) 2007 Davide Libenzi <davidel@xmailserver.org>
 Copyright (C) 2007 David Sterba
 Copyright (C) 2007 David Gibson <dwg@au1.ibm.com>, IBM Corporation.
 Copyright (C) 2007 Daniel Gimpelevich <daniel@gimpelevich.san-francisco.ca.us>
 Copyright (C) 2007 Craig W. Nadler <craig@nadler.us>
 Copyright (C) 2007 Conexant Systems, Inc.
 Copyright (C) 2007 Christian Pellegrin
 Copyright (C) 2007 Chris Smith <chris.smith@st.com>
 Copyright (C) 2007 Chase Douglas <chasedouglas@gmail>
 Copyright (C) 2006-2007 Carlos Munoz <carlos@kenati.com>
 Copyright (C) 2005-2007 Calin A. Culianu <calin@ajvar.org>
 Copyright (C) 2005-2007 Benjamin Herrenschmidt, IBM Corp. benh@kernel.crashing.org>
 Copyright (C) 2007 Benjamin Herrenschmidt, IBM Corp <benh@kernel.crashing.org>
 Copyright (C) 2007 Ben. Herrenschmidt <benh@kernel.crashing.org>, IBM Corp.
 Copyright (C) 2007 Ash Willis <ashwillis@programmer.net>
 Copyright (C) 2004-2007 Antonino Daplas <adaplas@pol.net>
 Copyright (C) 2007 Antonino Daplas <adaplas@gmail.com>
 Copyright (C) 2007 Anton Vorontsov <cbou@mail.ru>
 Copyright (C) 2007 Anti Sullin <anti.sullin@artecdesign.ee>
 Copyright (C) 2007 Andy Wilcox, Jon Loeliger
 Copyright (C) 2006-2007 Andrew Victor
 Copyright (C) 2007 Andrew Sharp <andy.sharp@lsi.com>
 Copyright (C) 2007 Andrew Murray <amurray@mpc-data.co.uk>
 Copyright (C) 2007 Andrew Bird (Sphere Systems Ltd) ajb@spheresystems.co.uk>
 Copyright (C) 2007 Andrei Tanas <andrei@tanasc>
 Copyright (C) 1999-2007 Anders Blomdell <anders.blomdell@control.lth.se>
 Copyright (C) 2007 Alexander Shishkin <virtuoso@slind.org>
 Copyright (C) 2007 Alain Degreffe (eczema@eczema.com)
 Copyright (C) 2007 Akamai Technologies, Inc.
 Copyright (C) 2007 AMD. Author: Thomas Dahmann
 Copyright (C) 2007 8D Technologies inc. Raphael Assenat <raph@8d.com>
 Copyright (C) 2006-2010 ID7 Ltd.
 Copyright (C) 2006-2009 Shaohua Li <shaohua.li@intel.com>
 Copyright (C) 1999-2014 Intel Corp
 Copyright (C) 2007-2009 Adrian McMenamin

Copyright (C) 2007 - 2008 CC Computer Consultants GmbH, Jan Engelhardt <jengelh@medozas.de>
 Copyright (C) 2007 - 2008 Alfred E. Heggstad <aeh@db.org>
 Copyright (C) 2007 Brian Murphy <brian@murphy.dk>
 Copyright (C) 2006/2007 Kristoffer Ericson <Kristoffer.Ericson@Gmail.com>
 Copyright (C) 2006. Freescale Semiconductor, Inc. All rights reserved.
 Copyright (C) 2006. Bob Jenkins (bob_jenkins@burtleburtle.net)
 Copyright (C) 2006-7 Jonathan Corbet <corbet@lwn.net>
 Copyright (C) 2006-2015 HighPoint Technologies, Inc. All Rights Reserved.
 Copyright (C) 2006-2012 Robert Gerlach <khnz@gmx.de>
 Copyright (C) 2006-2012 Nobuhiro Iwamatsu
 Copyright (C) 2006-2011 Hermann Kneissel herkne@gmx.de
 Copyright (C) 2004-2011 Analog Devices, Inc.
 Copyright (C) 2006-2010, 2012-2013 Freescale Semiconductor, Inc. All rights reserved.
 Copyright (C) 2006-2010 by Marin Mitov, mitov@issp.bas.bg
 Copyright (C) 2006-2010 PMC-Sierra Inc
 Copyright (C) 2001-2011 PEAK System-Technik GmbH
 Copyright (C) 2006-2009 , Uri Shkolnik
 Copyright (C) 2006-2009 by Openmoko, Inc. Authors: Harald Welte <laforge@openmoko.org>
 Andy Green <andy@openmoko.org> Werner Almesberger <werner@openmoko.org> All rights reserved.
 Copyright (C) 2006-2009 Secret Lab Technologies Ltd Grant Likely <grant.likely@secretlab.ca>
 Copyright (C) 2004-2009 Red Hat, Inc., Ingo Molnar <mingo@redhat.com>
 Copyright (C) 2006-2009 Pengutronix Sascha Hauer <s.hauer@pengutronix.de> Juergen Beisert <j.beisert@pengutronix.de> Wolfram Sang <w.sang@pengutronix.de>
 Copyright (C) 2001-2009 NEC Corporation.
 Copyright (C) 2006-2009 Mauro Carvalho Chehab <mchehab@infradead.org>
 Copyright (C) 2006-2009 Kristoffer Ericson <kristoffer.ericson@gmail.com>
 Copyright (C) 2006-2009 Henrique de Moraes Holschuh <hnh@hnh.eng.br>
 Copyright (C) 2006-2009 Freescale Semiconductor, Inc. All rights reserved.
 Copyright (C) 2006-2008,2010 Intel Corporation Jesse Barnes <jesse.barnes@intel.com>
 Copyright (C) 2005-2009 , Uri Shkolnik, Anatoly Greenblat
 Copyright (C) 1999-2008 , Philipp Reisner <philipp.reisner@linbit.com>.
 Copyright (C) 2006-2009 , Michael Buesch <m@bues.ch>
 Copyright (C) 2001-2008 , Lars Ellenberg <lars.ellenberg@linbit.com>.
 Copyright (C) 2001-2008 , LINBIT Information Technologies GmbH.
 Copyright (C) 2006-2008, 2010 Freescale Semiconductor, Inc.
 Copyright (C) 2006-2008 by Openmoko, Inc. Author: Harald Welte <laforge@openmoko.org>
 Balaji Rao <balajirao@openmoko.org> All rights reserved.
 Copyright (C) 2006-2008 by Openmoko, Inc. Author: Balaji Rao <balajirao@openmoko.org> All rights reserved.
 Copyright (C) 2006-2008 by Openmoko, Inc. All rights reserved.
 Copyright (C) 2006-2008 Tungsten Graphics, Inc., Cedar Park, TX. USA. All Rights Reserved.
 Copyright (C) 2006-2008 Steven Toth <stoth@hauppauge.com>
 Copyright (C) 2006-2008 Red Hat, Inc., Markus Armbruster <armbru@redhat.com>
 Copyright (C) 2005-2008 Red Hat GmbH
 Copyright (C) 2006-2008 Nokia Corporation Tony Lindgren <tony@atomide.com> Jouni Hogander
 Copyright (C) 2005-2014 Nippon Telegraph and Telephone Corporation.
 Copyright (C) 2006-2008 Marvell International Ltd. Fengwei Yin <fengwei.yin@marvell.com>
 Bin Yang <bin.yang@marvell.com> Eric Miao <eric.miao@marvell.com>
 Copyright (C) 2006-2008 Marvell International Ltd. Eric Miao <eric.miao@marvell.com>
 Copyright (C) 2006-2012 Marvell International Ltd. All Rights Reserved
 Copyright (C) 2006-2008 MSC Vertriebsges.m.b.H., Manuel Lauss
 <mano@roarinelk.homelinux.net>

Copyright (C) 2006-2008 Jarkko Lavin
Copyright (C) 2006-2008 Intel Corporation Author: Ashok Raj <ashok.raj@intel.com> Author: Shaohua Li <shaohua.li@intel.com> Author: Anil S Keshavamurthy <anil.s.keshavamurthy@intel.com>
Copyright (C) 2006-2008 Intel Corporation Author: Anil S Keshavamurthy <anil.s.keshavamurthy@intel.com>
Copyright (C) 2005-2008 Harald Welte <laforge@gnumonks.org>
Copyright (C) 2006-2008 Florian Fainelli <florian@openwrt.org> Mike Albon <malbon@openwrt.org>
Copyright (C) 2006-2008 Barco N.V.
Copyright (C) 2006-2008 Artem Bityutskiy
Copyright (C) 2006-2008 Adrian Hunter
Copyright (C) 2006-2007,2010 Freescale Semiconductor, Inc. All Rights Reserved.
Copyright (C) 2006-2007,2009 MontaVista Software, Inc. <source@mvista.com>
Copyright (C) 2006-2007, IBM Corporation
Copyright (C) 2006-2007, Advanced Micro Devices, Inc.
Copyright (C) 2003-2007 , Advanced Micro Devices, Inc.
Copyright (C) 2006-2007 by OpenMoko, Inc. Author: Harald Welte <laforge@openmoko.org>
Copyright (C) 2006-2007 Will Schmidt <willschm@us.ibm.com>, IBM
Copyright (C) 2006-2007 Venkatesh Pallipadi <venkatesh.pallipadi@intel.com> Shaohua Li <shaohua.li@intel.com> Adam Belay <abelay@novell.com>
Copyright (C) 2006-2007 Till Harbaum (Till@Harbaum.org)
Copyright (C) 2006-2009 Secret Lab Technologies Ltd.
Copyright (C) 2006-2007 Riku Voipio
Copyright (C) 2006-2007 Renesas Technology Corp.
Copyright (C) 2006-2007 Pavel Pisa (ppisa@pikron.com)
Copyright (C) 2003-2007 Micronas
Copyright (C) 2006-2007 Michele d'Amico
Copyright (C) 2006-2007 Michael Wu <flamingice@sourmilk.net>
Copyright (C) 2006-2007 Matsushita Electric Industrial Co., Ltd. All Rights Reserved.
Copyright (C) 2006-2007 Jonathan Corbet
Copyright (C) 2006-2007 Johannes Berg
Copyright (C) 2006-2007 Ivan N. Zlatev <contact@i-nz.net>
Copyright (C) 2004-2014 Hans Verkuil <hverkuil@xs4all.nl>
Copyright (C) 2006-2007 Georg Acher
Copyright (C) 2006-2007 Daniel Drake <dsd@gentoo.org>
Copyright (C) 2006-2007 Corentin Chary
Copyright (C) 2006-2007 Charles Spirakis <bezaur@gmail.com>
Copyright (C) 2006-2007 Bernhard Kaindl <bk@suse.de>
Copyright (C) 2006-2007 Atmel Norway
Copyright (C) 2006-2007 Adam Belay <abelay@novell.com>
Copyright (C) 2006-2007 8D Technologies inc Raphael Assenat <raph@8d.com>
Copyright (C) 2006-2007 Jiri Benc <jbenc@suse.cz>
Copyright (C) 2000-2006 Harald Welte <laforge@netfilter.org>
Copyright (C) 2006-10-12 Miguel Ojeda Sandonis
Copyright (C) 2006-07 Tower Technologies Author: Alessandro Zummo <a.zummo@towertech.it>
Copyright (C) 2006-07 Tower Technologies
Copyright (C) 2003-2008 Red Hat, Inc., James Morris <jmorris@redhat.com>
Copyright (C) 2005-2007 Pete Zaitcev (zaitcev@redhat.com)
Copyright (C) 2006,2007 Nobuhiro Iwamatsu
Copyright (C) 2006,2007 Genpix Electronics (genpix@genpix-electronics.com)
Copyright (C) 2006-2007 Eugene Konev <ejka@openwrt.org>
Copyright (C) 2006-2007 Alan Nisota (alannisota@gmail.com)
Copyright (C) 2006, Timesys Corp., Thomas Gleixner <tglx@timesys.com>

Copyright (C) 2005-2006 , Sascha Hauer, Pengutronix
 Copyright (C) 2006, Rusty Russell <rusty@rustcorp.com.au> IBM Corporation.
 Copyright (C) 2006, Red Hat, Inc., Dave Jones.
 Copyright (C) 2006, Ondrej Zajicek <santiago@crfreenet.org>
 Copyright (C) 2006, OmniVision
 Copyright (C) 2006, Nick Fedchik <nick@fedchik.org.ua>
 Copyright (C) 2006, NXP Semiconductors, All Rights Reserved Author: Jean-Paul Saman
 <jean-paul.saman@nxp.com>
 Copyright (C) 2006, Imagination Technologies.
 Copyright (C) 2006, Ian McDonald <ian.mcdonald@jandi.co.nz>
 Copyright (C) 2006, Hans J. Koch <hjk@hansjkoch.de>
 Copyright (C) 2006, 8D Technologies inc.
 Copyright (C) 2006, 2014, Intel Corp. Author: Kristen Carlson Accardi
 <kristen.c.accardi@intel.com> Rafael J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2004-2006 , 2009, 2010, 2011 Texas Instruments Incorporated Author: Aurelien
 Jacquot (aurelien.jacquot@jaluna.com)
 Copyright (C) 2006, 2009, 2010 Texas Instruments Incorporated Author: Aurelien Jacquot
 (aurelien.jacquot@jaluna.com)
 Copyright (C) 2006, 2009 Oliver Endriss <o.endriss@gmx.de>
 Copyright (C) 2006, 2008, 2010 Jean Delvare <jdelvare@suse.de>
 Copyright (C) 2001-2009 Hewlett-Packard Development Company, L.P.
 Copyright (C) 2006, 2008 Freescale Semiconductor Inc. 2006 Roy Zang <Roy Zang at
 freescale.com>.
 Copyright (C) 2006, 2007, Michael Buesch <mb@bu3sch.de>
 Copyright (C) 2006, 2007, Michael Buesch <m@bues.ch>
 Copyright (C) 2006, 2007, Felix Fietkau <nbd@openwrt.org>
 Copyright (C) 2006, 2007, 2009 Rusty Russell, IBM Corporation
 Copyright (C) 2006, 2007, 2009 Hewlett-Packard Development Company, L.P. Paul Moore
 <paul@paul-moore.com>
 Copyright (C) 2006, 2007, 2008 Kevin Lloyd <klloyd@sierrawireless.com>
 Copyright (C) 1999-2006 , 2007, 2008 David S. Miller (davem@davemloft.net)
 Copyright (C) 2006, 2007 by Mauro Carvalho Chehab <mchehab@infradead.org>
 Copyright (C) 2006, 2007 University of Szeged, Hungary
 Copyright (C) 2006, 2007 Sony Corporation All rights reserved.
 Copyright (C) 2003-2009 Sony Corporation
 Copyright (C) 2005-2007 Rusty Russell, IBM Corporation
 Copyright (C) 2002-2007 Motorola Inc.
 Copyright (C) 2006-2009 Martin Michlmayr <tbm@cyrius.com>
 Copyright (C) 2006-2007 Ian Armstrong <ian@iarmst.demon.co.uk>
 Copyright (C) 2006, 2007 Eugene Konev
 Copyright (C) 2006, 2007 Christopher Pascoe <c.pascoe@itee.uq.edu.au>
 Copyright (C) 2006, 2007 Chris Pascoe (c.pascoe@itee.uq.edu.au)
 Copyright (C) 2006, 07 Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2006, 07 MIPS Technologies, Inc. written by Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2006 jornada Filip Zyzniowski <Filip.Zyzniowski@tefnet.pl>
 Copyright (C) 2006 by Thiemo Seufer
 Copyright (C) 2006 by SAN People
 Copyright (C) 2006 by Russ Cox <rsc@swtch.com>
 Copyright (C) 2006 by Paolo Giarrusso.
 Copyright (C) 2006 by OpenMoko, Inc. Author: Harald Welte <laforge@openmoko.org> All
 rights reserved.
 Copyright (C) 2006 by Ole Andre Vadla Ravnas (ActiveSync)
 Copyright (C) 2006 by Joachim Fritschi, <jfritschi@freenet.de>
 Copyright (C) 2006 by Hans Edgington <hans@edgington.nl>
 Copyright (C) 2006 bplan GmbH

Copyright (C) 2006 Yuan Mu (Winbond), Rudolf Marek <r.marek@assembler.cz> David Hubbard <david.c.hubbard@gmail.com> Daniel J Blueman <daniel.bluelman@gmail.com>
 Copyright (C) 2006 Winbond Electronics Corp. Yuan Mu Rudolf Marek <r.marek@assembler.cz>
 Copyright (C) 2006 Unai Uribarri
 Copyright (C) 2006 USAGI/WIDE Project, Author: Kazunori Miyazawa <miyazawa@linux-ipv6.org>
 Copyright (C) 2006 Tungsten Graphics, Inc., Bismack, ND. USA. All Rights Reserved.
 Copyright (C) 2006 Tundra Semiconductor Corporation.
 Copyright (C) 2006 Trusted Computer Solutions, Inc. <dgoeddel@trustedcs.com>
 Copyright (C) 2006 Tower Technologies, Alessandro Zummo <a.zummo at towertech.it>
 Copyright (C) 2006 Torsten Ertbjerg Rasmussen <tr@newtec.dk>
 Copyright (C) 2006 Tomasz Michal Lukaszewski
 Copyright (C) 2006 Tim Small
 Copyright (C) 2006 Til Harbaum (Till@Harbaum.org)
 Copyright (C) 2006 Thumtronics Pty Ltd. Developed for Thumtronics by Grey Innovation Ben Williamson <ben.williamson@greyinnovation.com>
 Copyright (C) 2006 Thumtronics Pty Ltd. Ben Williamson <ben.williamson@greyinnovation.com>
 Copyright (C) 2006 Thomas Tuttle <linux-kernel@ttuttle.net>
 Copyright (C) 2006 Thomas Maier <balagi@justmail.de>
 Copyright (C) 2006 Thilo Cestonaro thilo.cestonaro.external@fujitsu-siemens.com>
 Copyright (C) 2006 Texas Instruments. Original author: Purushotam Kumar
 Copyright (C) 2006 Ted Walther and John Sokol
 Copyright (C) 2006 Takashi YOSHII <takasi-y@ops.dti.ne.jp>
 Copyright (C) 2000-2006 Takashi YOSHII
 Copyright (C) 2006 TOPTICA Photonics AG., Dragos Carp
 Copyright (C) 2006 Sven Anders, <anders@anduras.de> and Marcus Junker, <junker@anduras.de>
 Copyright (C) 2006 Steven Toth <stoth@linuxtv.com>
 Copyright (C) 2006 Simtec Electronics Ben Dooks <ben@simtec.co.uk> Vincent Sanders <vince@simtec.co.uk>
 Copyright (C) 2006 Simon Schulz.
 Copyright (C) 2006 Silicon Motion Technology Corp. Authors: Ge Wang, gewang@siliconmotion.com Boyod boyod.yang@siliconmotion.com.cn
 Copyright (C) 2006 Silicon Graphics, Inc., Christoph Lameter <christoph@lameter.com>
 Copyright (C) 2005-2006 Shailabh Nagar, IBM Corp.
 Copyright (C) 2006 Secret Lab Technologies Ltd. Grant Likely <grant.likely@secretlab.ca>
 Copyright (C) 2006 Scott Alfter <salfter@ssai.us>
 Copyright (C) 2006 Savin Zlobec
 Copyright (C) 2006 Sam Hocevar <sam@zoy.org>
 Copyright (C) 2006 SWAPP Andrea Paterniani <a.paterniani@swapp-eng.it>
 Copyright (C) 2006 STMicroelectronics Pvt. Ltd.
 Copyright (C) 2006 STMicroelectronics Limited Author: Carl Shaw <carl.shaw@st.com>
 Copyright (C) 2006 S1 Corp.
 Copyright (C) 2006 Russ Anderson <rja@sgi.com>
 Copyright (C) 2006 Rob Landley <rob@landley.net> and TimeSys Corporation.
 Copyright (C) 2006 Qumranet Avi Kivity <avi@qumranet.com> Yaniv Kamay <yaniv@qumranet.com>
 Copyright (C) 2006 Qumranet
 Copyright (C) 2006 Polycom, Inc.
 Copyright (C) 2006 Philips Semiconductors
 Copyright (C) 2006 Philip Langdale, All Rights Reserved.
 Copyright (C) 2006 Pengutronix Sascha Hauer <s.hauer@pengutronix.de>
 Copyright (C) 2006 Pavel Pisa, PIKRON <ppisa@pikron.com>

Copyright (C) 2006 Pavel Emelyanov <xemul@openvz.org> OpenVZ, SWsoft Inc.
 Copyright (C) 2006 Paul Mackerras, IBM Corporation <paulus@samba.org>
 Copyright (C) 2005-2006 Paul Mackerras, IBM Corp. <paulus@samba.org>
 Copyright (C) 2006 PathScale, Inc. All Rights Reserved.
 Copyright (C) 2006 Paolo Abeni (paolo.abeni@email.it)
 Copyright (C) 2005-2007 Openedhand Ltd.
 Copyright (C) 2006 One Laptop Per Child Association, Inc.
 Copyright (C) 2006 Olof Johansson <olof@lixom.net>
 Copyright (C) 2003-2006 Oliver Endriss
 Copyright (C) 2006 Nokia Corporation. Igor Stoppa <igor.stoppa@nokia.com>
 Copyright (C) 2006 Nokia Corporation Author: Juha Yrjola
 Copyright (C) 2004-2006 Nokia Corporation Author: Imre Deak <imre.deak@nokia.com>
 Copyright (C) 2006 Nicolas VIVIEN
 Copyright (C) 2006 Nicolas Boichat (nicolas@boichat.ch)
 Copyright (C) 2006 Nicolas Boichat <nicolas @boichat.ch>
 Copyright (C) 2006 Nathaniel Clark <nate@misrule.us>
 Copyright (C) 2006 NTT (Nippon Telegraph and Telephone Corporation)
 Copyright (C) 2006 MontaVista Software, Inc. Vitaly Bordug <vbordug@ru.mvista.com>
 Copyright (C) 2006 MontaVista Software Inc. Author: Vitaly Wool <vwool@ru.mvista.com>
 Copyright (C) 2006 Mike Kravetz IBM Corporation
 Copyright (C) 2006 Micron Technology Inc.
 Copyright (C) 2006 Michel Xhaard
 Copyright (C) 2005-2006 Michael Hanselmann (linux-kernel@hansmi.ch)
 Copyright (C) 2006 Matthieu CASTET <castet.mattheiu@free.fr>
 Copyright (C) 2000-2006 Matthew Wilcox <matthew@wil.cx>
 Copyright (C) 2006 Matt Callow
 Copyright (C) 2006 Martin Vecera.
 Copyright (C) 2006 Markus Rechberger <mrechberger@gmail.com>
 Copyright (C) 2006 Markus "Rechberger
 Copyright (C) 2006 Mario Hlawitschka (dh1pa@amsat.org)
 Copyright (C) 2006 Marco Gittler (g.marco@freenet.de)
 Copyright (C) 2006 Marcin Juszkievicz openembedded@hrw.one.pl>
 Copyright (C) 2006 Manuel Francisco Naranjo (naranjo.manuel@gmail.com)
 Copyright (C) 2006 Loping Dog Embedded Systems
 Copyright (C) 2006 Linxb (xubin.lin@worldplus.com.cn)
 Copyright (C) 2006 Lineo Solutions Inc.
 Copyright (C) 2006 Lennart Poettering.
 Copyright (C) 2005-2006 Kyle McMartin <kyle@parisc-linux.org>
 Copyright (C) 2006 Kristian Kielhofner <kris@krisk.org>.
 Copyright (C) 2006 Koninski Artur takeshi87@o2.pl
 Copyright (C) 2006 Komal Shah <komal_shah802003@yahoo.com>
 Copyright (C) 2006 Kihon Technologies Inc., Steven Rostedt <rostedt@goodmis.org>
 Copyright (C) 2006 Keith Packard
 Copyright (C) 2006 Kaiwan N Billimoria <kaiwan@designergraphix.com>
 Copyright (C) 2006 Juerg Haefliger <juergh@gmail.com>
 Copyright (C) 2006 Juan Carlos Borrás
 Copyright (C) 2006 Jonathan McDowell <noodles@earth.li>
 Copyright (C) 2006 Jon Mason <jdmason@kudzu.us>
 Copyright (C) 2006 Jon Grierson <jd@renko.co.uk>
 Copyright (C) 2006 Jim Cromie
 Copyright (C) 2000-2006 Jeff Dike (jdike@addtoit.com)
 Copyright (C) 2006 Jaya Kumar Based on Toshiba ACPI by John Belmonte and ASUS ACPI
 Copyright (C) 2006 Jay Lan, SGI
 Copyright (C) 2006 Jamie Lenehan
 Copyright (C) 2006 James Painter <jamie.painter@iname.com>

Copyright (C) 2006 James McKenzie
 Copyright (C) 2006 Jack Lee
 Copyright (C) 2000-2006 International Business Machines Corp.
 Copyright (C) 2006 Intel Corp. Tom Long Nguyen (tom.l.nguyen@intel.com) Zhang Yanmin (yanmin.zhang@intel.com)
 Copyright (C) 2005-2006 Intel Corp, Zou Nan hai <nanhai.zou@intel.com>
 Copyright (C) 2006 Intel Co. Anil S Keshavamurthy <anil.s.keshavamurthy@intel.com>
 Copyright (C) 2006 Intel Co Fenghua Yu <fenghua.yu@intel.com>
 Copyright (C) 2006 Ingo Molnar <mingo@elte.hu>
 Copyright (C) 2006 Infosys Technologies Limited Toufee Hussain <toufee_hussain@infosys.com>
 Copyright (C) 2006 IBM Corporation. Jennifer Hunt <jenhunt@us.ibm.com>
 Copyright (C) 2006 IBM Corporation, Timothy R. Chavez <tinytim@us.ibm.com>
 Copyright (C) 2006 IBM Corp. Author(s): Heiko Carstens <heiko.carstens@de.ibm.com>
 Copyright (C) 2005-2006 Hewlett-Packard Co Alex Williamson <alex.williamson@hp.com>
 Copyright (C) 2004-2006 Herbert Poetzl
 Copyright (C) 2006 Hendrik Holtmann <holtmann@mac.com>
 Copyright (C) 2006 Hella Aglaia GmbH (awe@aglaia-gmbh.de)
 Copyright (C) 2006 Hartmut Rick <linux@rick.claranet.de>
 Copyright (C) 2006 Harald Welte <laforge@openex.org>
 Copyright (C) 2006 George Kashperko <george@chas.com.ua>
 Copyright (C) 2005-2006 Georg Acher, BayCom GmbH.
 Copyright (C) 2006 GTCO CalComp
 Copyright (C) 2006 G. Liakhovetski (g.liakhovetski@gmx.de)
 Copyright (C) 2006 Freescale Semiconductor, Inc. Shlomi Gridish <gridish@freescale.com>
 Jerry Huang <Chang-Ming.Huang@freescale.com>
 Copyright (C) 2006 Freescale - John Rigby
 Copyright (C) 1989-2006 Free Software Foundation, Inc.
 Copyright (C) 2000-2006 Frank Mori Hess <fmhess@users.sourceforge.net>
 Copyright (C) 2006 Filip Zyzniewski <filip.zyzniewski@tefnet.pl>
 Copyright (C) 2006 Felix Fietkau (nbd@openwrt.org)
 Copyright (C) 2006 Felipe Alfaro Solana <felipe_alfaro@linuxmail.org>
 Copyright (C) 2006 FON Technology, SL.
 Copyright (C) 2006 Esben Nielsen
 Copyright (C) 2006 Endrelia Technologies Inc.
 Copyright (C) 2006-2006 Dominik Kühlen.
 Copyright (C) 2006 Dennis Munsie <dmunsie@cecropia.com>
 Copyright (C) 2006 Denis Sadykov <denis.m.sadykov@intel.com>
 Copyright (C) 2006 Dave Airlie <airlied@linux.ie>
 Copyright (C) 2006 Daniel Hellstrom <daniel@gaisler.com>, Aeroflex Gaisler AB
 Copyright (C) 2006 Craig W. Nadler
 Copyright (C) 2006 Contec Steuerungstechnik & Automation GmbH Manfred Gruber <m.gruber@tirol.com>
 Copyright (C) 2006 Christoph Pfister (christophpfister@gmail.com)
 Copyright (C) 2006 Chris Dearman (chris@mips.com),
 Copyright (C) 2006 Cavium Networks Cache error handler
 Copyright (C) 2006 C&C Technologies, Inc.
 Copyright (C) 2006 Bob Copeland (me@bobcopeland.com)
 Copyright (C) 2005-2006 Bob Copeland <me@bobcopeland.com>
 Copyright (C) 2006-2006 Benjamin Herrenschmidt, IBM Corp. benh@kernel.crashing.org and Arnd Bergmann, IBM Corp.
 Copyright (C) 2006 Benjamin Herrenschmidt <benh@kernel.crashing.org>, IBM Corp.
 Copyright (C) 2006 Ben Dooks <ben@simtec.co.uk>
 Copyright (C) 2006-2006 Balbir Singh, IBM Corp.
 Copyright (C) 2006 Aurelien Jacobs <aurel@gnucage.org>

Copyright (C) 2006 Atmark Techno, Inc. Yasushi SHOJI <yashi@atmark-techno.com> Tetsuya OHKAWA <tetsuya@atmark-techno.com>
 Copyright (C) 2006 Atmark Techno, Inc.
 Copyright (C) 2006 Arnd Bergmann <arnd@arndb.de>, IBM Corp.
 Copyright (C) 2005-2006 Arcom Control Systems Ltd.
 Copyright (C) 2006 Applied Data Systems
 Copyright (C) 2006 AppSpec Computer Technologies Corp. Jeff Gibbons <jeff.gibbons@appspec.com>
 Copyright (C) 2006 Antti Palosaari <crope@iki.fi> Aapo Tahkola <aet@rasterburn.org>
 Copyright (C) 2006 Andrey Volkov, Varma Electronics
 Copyright (C) 2006 Andrey Volkov <avolkov@varma-el.com> Varma Electronics Oy
 Copyright (C) 2004-2006 Andrew de Quincey
 Copyright (C) 2006 Andi Kleen, SUSE Labs.
 Copyright (C) 2006 Alain <alain@knaff.lu>
 Copyright (C) 2006 Adrian McMenamin <adrian@mcmen.demon.co.uk>
 Copyright (C) 2006 Aapo Tahkola (aet@rasterburn.org)
 Copyright (C) 2006 ARM Ltd. written by Russell King, Deep Blue Solutions Ltd.
 Copyright (C) 2006 8D Technologies inc.
 Copyright (C) 2006 -2008 Gerard Klaver <gerard at gkall dot hobby dot nl>
 Copyright (C) 2006 - 2009 Ingenic Semiconductor Inc.
 Copyright (C) 2006 - 2008 Sascha Sommer <saschasommer@freenet.de>
 Copyright (C) 2006-2008 Lemote Inc. & Institute of Computing Technology Author: Yanhua, yanh@lemote.com
 Copyright (C) 2006 - 2008 Jay Cliburn <jcliburn@gmail.com>
 Copyright (C) 2006-2007 Ivo van Doorn
 Copyright (C) 2006-2007 Chris Snook <csnook@redhat.com>
 Copyright (C) 2006 - 2007 Akio Idehara
 Copyright (C) 2006 <davem@davemloft.net>
 Copyright (C) 2005-9 DiBcom.
 Copyright (C) 2005-9 DiBcom, SA et al
 Copyright (C) 2004-2005 -7 DiBcom.
 Copyright (C) 2005-6 Patrick Boettcher <pb@linuxtv.de>
 Copyright (C) 2005-6 DiBcom, SA
 Copyright (C) 1995-2014 Dell Inc.
 Copyright (C) 2005-2012 Tai-hwa Liang, Sentelic Corporation.
 Copyright (C) 1999-2012 Randy Dunlap
 Copyright (C) 1998-2011 Nicolas Pitre <nico@fluxnic.net>
 Copyright (C) 2005-2011 NTT DATA CORPORATION
 Copyright (C) 2005-2010,2012 Freescale Semiconductor, Inc.
 Copyright (C) 2005-2009, 2010 Cavium Networks
 Copyright (C) 2005-2009 Promise Technology Inc.
 Copyright (C) 2005-2009 Nokia Corporation Author: Juha Yrjola <juha.yrjola@nokia.com>
 Copyright (C) 2005-2009 Analog Devices Inc. D. Jeff Dionne <jeff@ryeham.ee.ryerson.ca>
 Kenneth Albanowski <kjahds@kjahds.com>
 Copyright (C) 2005-2009 Analog Devices Inc. 2005 BuyWays BV Bas Vermeulen <bas@buyways.nl>
 Copyright (C) 2005-2009 - Steven Rostedt.
 Copyright (C) 2005-2008, PA Semi, Inc
 Copyright (C) 2005-2015 Yoshinori Sato
 Copyright (C) 2005-2008 Ville Syrjala <syrjala@sci.fi>
 Copyright (C) 2005-2008 Stelian Pop (stelian@popies.net)
 Copyright (C) 2004-2008 Pierre Ossman, All Rights Reserved.
 Copyright (C) 2005-2008 Nokia Corporation Author: Paul Mundt <paul.mundt@nokia.com>
 Copyright (C) 2005-2012 Michael Buesch <m@bues.ch>
 Copyright (C) 2005-2008 MSC Vertriebsges.m.b.H, Manuel Lauss <mlau@msc-ge.com>

Copyright (C) 2005-2008 Johannes Berg (johannes@sipsolutions.net)
 Copyright (C) 2005-2008 Intel Co. Fenghua Yu <fenghua.yu@intel.com> Bibo Mao
 <bibo.mao@intel.com> Chandramouli Narayanan <mouli@linux.intel.com> Huang Ying
 <ying.huang@intel.com>
 Copyright (C) 2005-2008 Intel Co.
 Copyright (C) 2005-2008 Auvitek International, Ltd.
 Copyright (C) 2005-2008 ARM
 Copyright (C) 2005-2007 kogiidena
 Copyright (C) 2005-2007 Ulrich Kunitz <kune@deine-taler.de>
 Copyright (C) 2003-2008 Takahiro Hirofuchi
 Copyright (C) 2005-2007 Rodolfo Giometti.
 Copyright (C) 2005-2007 Richard Purdie <rpurdie@openedhand.com>
 Copyright (C) 2002-2007 Philippe Gerum.
 Copyright (C) 2005-2007 PMC-Sierra, Inc. All rights reserved. Author: Andrew Hughes,
 Andrew_Hughes@pmc-sierra.com
 Copyright (C) 2003-2007 Kristian Hoegsberg <krh@bitplanet.net>
 Copyright (C) 2005-2007 Freescale Semiconductor
 Copyright (C) 2005-2007 Derek Smithies <derek@indranet.co.nz> Sponsored by Indranet
 Technologies Ltd
 Copyright (C) 2005-2007 Asia Vital Components Co., Ltd.
 Copyright (C) 2005-2007 AMD. Author: Thomas Dahlmann
 Copyright (C) 2005-2007 E.M. Smith
 Copyright (C) 2005-2006, Thomas Gleixner, Russell King
 Copyright (C) 2005-2006, P.Christeas <p_christ@hol.gr>
 Copyright (C) 2005-2006 , Devicescape Software, Inc.
 Copyright (C) 2005-2006 Timesys Corp., Thomas Gleixner <tglx@timesys.com>
 Copyright (C) 2005-2006 Thomas Gleixner
 Copyright (C) 2002-2006 Thibaut VARENE <varenet@parisc-linux.org>
 Copyright (C) 2005-2006 Red Hat Inc, all rights reserved.
 Copyright (C) 2005-2006 Red Hat Inc Alan Cox <alan@lxorguk.ukuu.org.uk>
 Copyright (C) 2003-2014 Red Hat
 Copyright (C) 2005-2006 PMC-Sierra, Inc. Author: Marc St-Jean, Marc_St-Jean@pmc-
 sierra.com
 Copyright (C) 2003-2006 PLX Technology, Inc.
 Copyright (C) 2000-2007 Netfilter Core Team <coreteam@netfilter.org>
 Copyright (C) 2005-2006 NEC Electronics Corporation
 Copyright (C) 2005-2006 Micronas USA Inc.
 Copyright (C) 2005-2006 M. Amine SAYA, ATMEL Rousset, France.
 Copyright (C) 2005-2006 Linus Torvalds <torvalds@osdl.org>
 Copyright (C) 2005-2006 Kyle McMartin <kyle at parisc-linux.org>
 Copyright (C) 2001-2006 Jens Axboe <axboe@kernel.dk>
 Copyright (C) 2005-2006 Jan Rychter <jan@rychter.com>
 Copyright (C) 2005-2006 Intel Corporation Inaky Perez-Gonzalez <inaky.perez-
 gonzalez@intel.com> Reinette Chatre <reinette.chatre@intel.com>
 Copyright (C) 2001-2008 Ian Kent <raven@themaw.net>
 Copyright (C) 2005-2006 Hewlett-Packard Development Company, L.P. Alex Williamson
 <alex.williamson@hp.com>
 Copyright (C) 2005-2006 Harald Welte <laforge@openex.org>, 2007-2008 Daniel Ribeiro
 <drwurm@gmail.com>, 2007-2008 Stefan Schmidt <stefan@datenfreihafen.org>
 Copyright (C) 2005-2006 Florian Lohoff (flo@rfc822.org)
 Copyright (C) 2005-2006 Fen Systems Ltd.
 Copyright (C) 2005-2006 Chris Humbert
 Copyright (C) 2005-2006 Anthony Liguori <aliguori@us.ibm.com>
 Copyright (C) 2005-2006 Andrey Volkov <avolkov@varma-el.com>, Varma Electronics Oy
 Copyright (C) 2005-10 DiBcom.

Copyright (C) 2005-07 IBM Deutschland Entwicklung GmbH
 Copyright (C) 2005-06 Tower Technologies Author: Alessandro Zummo
 <a.zummo@towertech.it>
 Copyright (C) 2005,2006,2007,2009 Imagination Technologies
 Copyright (C) 2005,2006,2007,2008,2009,2012 Imagination Technologies Ltd.
 Copyright (C) 2005,2006,2007,2008,2009,2010,2011 Imagination Technologies
 Copyright (C) 2005,2006,2007,2008,2009,2010 Imagination Technologies
 Copyright (C) 2005,2006,2007,2008,2009 Imagination Technologies
 Copyright (C) 2005,2006,2007,2008 IBM Corporation
 Copyright (C) 2005,2006 Yoshinori Sato
 Copyright (C) 2003-2009 Simtec Electronics Ben Dooks <ben@simtec.co.uk>
 Copyright (C) 2005,2006 Hongjiu Lu <hongjiu.lu@intel.com>
 Copyright (C) 2005,2006 Dominik Brodowski <linux@dominikbrodowski.net>
 Copyright (C) 2005, Pavel Roskin.
 Copyright (C) 2005, PMC-Sierra, Inc. All rights reserved. Author: Andrew Hughes,
 Andrew_Hughes@pmc-sierra.com
 Copyright (C) 2005, Milan Beno <beno@pobox.sk>
 Copyright (C) 2005, Marcel Selhorst <tpmdd@selhorst.net>.
 Copyright (C) 2005, Lukasz Stelmach <stlman@poczta.fm>
 Copyright (C) 2005, Judy Fischbach <jfisch@cs.pdx.edu>
 Copyright (C) 2005, Jaya Kumar <jayalk@intworks.biz>
 Copyright (C) 2005, Intec Automation Inc.
 Copyright (C) 2005, Intec Automation (mike@steroidmicros.com)
 Copyright (C) 2002-2005 , IBM Corp.
 Copyright (C) 2005, Brian Pugh <bpugh@cs.pdx.edu>
 Copyright (C) 2005, 2009, 2010, 2011 Texas Instruments Incorporated Author: Thomas
 Charleux (thomas.charleux@jaluna.com)
 Copyright (C) 2005, 2008, 2009 Simtec Electronic. Ben Dooks <ben@simtec.co.uk>
 , 2007-2009 Bartlomiej Zolnierkiewicz
 Copyright (C) 2005, 2007, 2008, 2009 Maciej W. Rozycki
 Copyright (C) 2005, 2006, 2009, 2010, 2012 Texas Instruments Incorporated Author: Aurelien
 Jacquiot (aurelien.jacquiot@jaluna.com)
 Copyright (C) 2005, 2006, 2007 Freescale Semiconductor Inc.
 Copyright (C) 2004-2008 by Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2005, 2006 by Eric Van Hensbergen <ericvh@gmail.com>
 Copyright (C) 2005-2006 XenSource Ltd
 Copyright (C) 2005, 2006 Nokia Corporation Author: Samuel Ortiz <samuel.ortiz@nokia.com>
 and Juha Yrj <juha.yrjola@nokia.com>
 Copyright (C) 2005-2008 Michael H. Schimek <mschimek@gmx.at>
 Copyright (C) 2003-2006 Linux Networx
 Copyright (C) 2005, 2006 IBM Corporation All Rights Reserved.
 Copyright (C) 2005, 2006 Chuck Lever <cel@netapp.com>
 Copyright (C) 2005, 2006 Avishay Traeger (avishay@gmail.com)
 Copyright (C) 2005, 2006 Arnaud Giersch.
 Copyright (C) 2003-2005 , 07 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2001-2005 , 06 by Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2005 m5603x Linux Driver Project <m5602@x3ng.com.br>
 Copyright (C) 2005 by Stefan Lucke
 Copyright (C) 2005 by MIPS Technologies, Inc.
 Copyright (C) 2005 by Ivan Kokshaysky
 Copyright (C) 2005 by Hans J. Koch
 Copyright (C) 2005 by HP Labs
 Copyright (C) 2005 by Christian Hentschel <chentschel@arnet.com.ar>
 Copyright (C) 2005 by Ash Willis <ashwillis@programmer.net>
 Copyright (C) 2005 Zymeta Corporation - Michael Downey (downey@zymeta.com)

Copyright (C) 2005 Yani Ioannou <yani.ioannou@gmail.com>
 Copyright (C) 2005 Wilson Michaels <wilsonmichaels@earthlink.net>
 Copyright (C) 2005 Webcon, Inc.
 Copyright (C) 2005 Varma Electronics Oy, by Andrey Volkov <avolkov@varma-el.com>)
 Copyright (C) 2005 Tundra Semiconductor Corp. Kong Lai, <kong.lai@tundra.com).
 Copyright (C) 2005 Tundra Semiconductor Corp. Alex Bounine, <alexandre@tundra.com).
 Copyright (C) 2005 Trond Myklebust <Trond.Myklebust@netapp.com>
 Copyright (C) 2000-2005 Trond Myklebust
 Copyright (C) 2005-2005 Tower Technologies.
 Copyright (C) 2005 Tower Technologies Author: Alessandro Zummo <a.zummo@towertech.it>
 Copyright (C) 2005 Torsten Koschorrek <koschorrek@synertronixx.de>
 Copyright (C) 2005 Thomas Kaiser thomas@kaiser-linux.li
 Copyright (C) 2005 Thomas Hergenbahn <thomas.hergenbahn@suse.de>
 Copyright (C) 2005 Thomas Hellstrom. All Rights Reserved.
 Copyright (C) 2005 Thomas Hellstrom, All Rights Reserved.
 Copyright (C) 2005 Texas Instruments, Inc. Richard Woodruff <r-woodruff2@ti.com>
 Copyright (C) 2005 Tejun Heo
 Copyright (C) 2005 T. Adachi <tadachi@tadachi-net.com>
 Copyright (C) 2005 Sven Luther <sl@bplan-gmbh.de>.
 Copyright (C) 2004-2005 Stuart Brady
 Copyright (C) 2005 Stephen Street / StreetFire Sound Labs
 Copyright (C) 2005 Stefano Brivio <stefano.brivio@polimi.it>
 Copyright (C) 2005 Stefano Brivio <st3@riseup.net>
 Copyright (C) 2005 Silicon Graphics, Inc. Christoph Lameter
 Copyright (C) 2005-2005 Sensoria Corp.
 Copyright (C) 2005 ScaleMP Inc.
 Copyright (C) 2005 SYNOPSYS, INC. ALL RIGHTS RESERVED
 Copyright (C) 2005 SGI, Christoph Lameter
 Copyright (C) 2004-2005 SAN People
 Copyright (C) 2004-2005 Rusty Russell <rusty@rustcorp.com.au>
 Copyright (C) 2005 Robert Love <rml@novell.com>
 Copyright (C) 2005 Robert Love
 Copyright (C) 2005 Rajesh Shah (rajesh.shah@intel.com)
 Copyright (C) 2005 Philippe De Muyter (phdm@macqel.be)
 Copyright (C) 2005 Phil Chang <pchang23@sbcglobal.net>
 Copyright (C) 2005-2005 Peter Osterlund (petero2@telia.com)
 Copyright (C) 2005 Peter Fuerst (pf@net.alphadv.de)
 Copyright (C) 2005 Pekka Enberg
 Copyright (C) 2005 Pavel Mironchik <pmironchik@optifacio.net>
 Copyright (C) 2005 Paul Mackerras <paulus@samba.org>.All Rights Reserved.
 Copyright (C) 1994-2005 Paul Mackerras
 Copyright (C) 2004-2005 Patrick Boettcher (patrick.boettcher@desy.de)
 Copyright (C) 2005 Paolo 'Blaisorblade' Giarrusso <blaisorblade@yahoo.it>
 Copyright (C) 2005 Pacific Digital Corporation.
 Copyright (C) 2005 Pablo Neira Ayuso <pablo@eurodev.net>
 Copyright (C) 2005 Olav Kongas <ok@artecdesign.ee>
 Copyright (C) 2004-2005 Nokia Corporation Written by Tony Lindgren <tony@atomide.com>
 Copyright (C) 2005 Nokia Corporation Author: Paul Mundt <paul.mundt@nokia.com> Juha Yrjölä <juha.yrjola@nokia.com>
 Copyright (C) 2005 Nokia Corporation Author: Lauri Leukkunen <lauri.leukkunen@nokia.com>
 Copyright (C) 2005 Nicolai Haehnle
 Copyright (C) 2005 Nguyen Anh Quynh <aquynh@gmail.com>
 Copyright (C) 2005 National ICT Australia (NICTA)
 Copyright (C) 2005 Nathan Lynch
 Copyright (C) 2005 Narayanan R S <nars@kadamba.org>

Copyright (C) 2005 Multi-Tech Systems, Inc.
 Copyright (C) 2004-2005 MontaVista Software, Inc. Matt Porter <mporter@kernel.crashing.org>
 Copyright (C) 2005 MontaVista Software, Inc. Author: Deepak Saxena <dsaxena@plexity.net>
 Copyright (C) 2005 Mips Technologies Author: Chris Dearman, chris@mips.com .
 Copyright (C) 2005 Miloslav Trmac <mitr@volny.cz>
 Copyright (C) 2005 Mike Wray, Hewlett-Packard
 Copyright (C) 2005 Mike Christie. All rights reserved.
 Copyright (C) 2004-2005 Michel Xhaard mxhaard@magic.fr
 Copyright (C) 2005 Michael Hund <mhund@ld-didactic.de>
 Copyright (C) 2005 Michael Gernoth <michael@gernoth.net>
 Copyright (C) 2005 Matthias Urlichs <smurf@smurf.noris.de>
 Copyright (C) 2005 Matthias Blaschke <blaschke at synertronixx.de>
 Copyright (C) 2005 Martin Vaughan
 Copyright (C) 2005 Markus Rechberger <mrechberger@gmail.com> Ludovico Cavedon
 <cavedon@sssup.it> Mauro Carvalho Chehab <mchehab@infradead.org>
 Copyright (C) 2005 Mark M. Hoffman <mhoffman@lightlink.com>
 Copyright (C) 2005 MIPS Technologies, Inc. All rights reserved. Author: Maciej W. Rozycki
 <macro@mips.com>
 Copyright (C) 2005 Ludovico Cavedon <cavedon@sssup.it> Markus Rechberger
 <mrechberger@gmail.com> Mauro Carvalho Chehab <mchehab@infradead.org> Sascha
 Sommer <saschasommer@freenet.de>
 Copyright (C) 2005 Luben Tuikov <luben_tuikov@adaptec.com>
 Copyright (C) 2005 Lothar Wassmann <LW@KARO-electronics.de>
 Copyright (C) 2005 Lab126, Inc.
 Copyright (C) 2005 Kontron Canada
 Copyright (C) 2005 Kirk Lapray <kirk_lapray@bigfoot.com>
 Copyright (C) 2005 Kirk Lapray <kirk.lapray@gmail.com>
 Copyright (C) 2005 Kihon Technologies Inc., Steven Rostedt
 Copyright (C) 2005 Khalid Aziz <khalid.aziz@hp.com>
 Copyright (C) 2005 Keith Owens <kaos@sgi.com>
 Copyright (C) 2005 John McCutchan
 Copyright (C) 2005 John Lenz <lenz@cs.wisc.edu>
 Copyright (C) 2005 John DeHorty
 Copyright (C) 2005 Jesper Juhl <jj@chaosbits.net>
 Copyright (C) 2000-2005 Jeff Dike (jdike@karaya.com)
 Copyright (C) 2005 Jan Harkes <jaharkes@cs.cmu.edu>
 Copyright (C) 2005 James Chapman.
 Copyright (C) 2005 International Business Machines Corporation
 Copyright (C) 2005 International Business Machines
 Copyright (C) 2005 Intel Corporation Venkatesh Pallipadi <venkatesh.pallipadi@intel.com>
 Copyright (C) 2005 Intel Corp Venkatesh Pallipadi <venkatesh.pallipadi@intel.com>
 Copyright (C) 2005 Intel Corp Jonathan Cameron <jic23@cam.ac.uk>
 Copyright (C) 2005 Instituto Nokia de Tecnologia - INdT - Manaus Written by Daniel Petrini
 <d.pensator@gmail.com>
 Copyright (C) 2005 Ilya A. Volynets-Evenbakh <ilya@total-knowledge.com>
 Copyright (C) 2005 Ilya A. Volynets <ilya@total-knowledge.com>
 Copyright (C) 2005 IBM Author: Mark Nutter <mnutter@us.ibm.com>
 Copyright (C) 2005 Hewlett-Packard Development Comapny, L.P.
 Copyright (C) 2005 Hewlett-Packard Co Dan Magenheimer <dan.magenheimer@hp.com>
 Copyright (C) 2005 Gyorgy Jeney <nog@bsemi.com>
 Copyright (C) 2005 Guillaume Thouvenin <guillaume.thouvenin@bull.net>
 Copyright (C) 2005 Guillaume GOURAT
 Copyright (C) 2005 Gilbert Wu <gilbert_wu@adaptec.com>
 Copyright (C) 2005 Georges Toth <g.toth@e-biz.lu>
 Copyright (C) 2005 Frank Rowand (frowand@mvista.com)

Copyright (C) 2005 Frank Arnold (frank@scirocco-5v-turbo.de)
 Copyright (C) 2005 Faraday Corp.
 Copyright (C) 2005 Embedded Alley Solutions, Inc. Author: Pantelis Antoniou
 <pantelis@embeddedalley.com>
 Copyright (C) 2005 EMC Corporation, all rights reserved.
 Copyright (C) 2005 EADS Astrium.
 Copyright (C) 2005 Duncan Sands, Roman Kagan.
 Copyright (C) 2005 Dmitry Torokhov <dtor@mail.ru>
 Copyright (C) 2005 Dirk Opfer
 Copyright (C) 2005-2005 Dirk Behme.
 Copyright (C) 2005 David Härdeman <david@2gen.com>
 Copyright (C) 2005 Dave Airlie . All Rights Reserved.
 Copyright (C) 2005 Danny van Dyk <kugelfang@gentoo.org>
 Copyright (C) 2005 Dan Williams and Red Hat, Inc.
 Copyright (C) 2005 Craig Shelley (craig@microtron.org.uk)
 Copyright (C) 2005 Christoph Lameter <clameter@sgi.com>
 Copyright (C) 2005 Chris Pascoe <c.pascoe@itee.uq.edu.au>
 Copyright (C) 2005 Brian Rogan <bcr6@cornell.edu>, IBM
 Copyright (C) 2005 Bernhard Rosenkraenzer <bero@arklinux.org>
 Copyright (C) 2005 Benjamin Herrenschmidt <benh@kernel.crashing.org>, IBM Corp.
 Copyright (C) 2005 Benedikt Spranger <b.spranger@linutronix.de>
 Copyright (C) 2005 Ben Gardner <bgardner@wabtec.com>
 Copyright (C) 2005 Bas Vermeulen, BuyWays BV <bas@buyways.nl>
 Copyright (C) 2005 Arthur Huillet (ahuillet@users.sf.net)
 Copyright (C) 2004-2005 Antonino Daplas <adaplas @pol.net>
 Copyright (C) 2005 Andriy Skulysh <askulysh@gmail.com>
 Copyright (C) 2002-2005 Andriy Skulysh
 Copyright (C) 2004-2005 Andrew de Quincey <adq_dvb@lidskialf.net>
 Copyright (C) 2005 Andreas Steinmetz, <ast@domdv.de>
 Copyright (C) 2005 Andreas Jaggi <andreas.jaggi@waterwave.ch>
 Copyright (C) 2005 Alex Aizman maintained by open-iscsi@googlegroups.com
 Copyright (C) 2005 Alessandro Zummo
 Copyright (C) 2005 Alejandro Vidal Mata & Javier Vidal Mata.
 Copyright (C) 2005 Agere Systems Inc. All rights reserved.
 Copyright (C) 2004-2005 Adaptec, Inc. All rights reserved.
 Copyright (C) 2005 AXE, Inc.
 Copyright (C) 2005 4G Systems <info@4g-systems.biz>
 Copyright (C) 2005 - 2015 Emulex All rights reserved.
 Copyright (C) 2005 - 2015 Avago Technologies All rights reserved.
 Copyright (C) 2005 - 2012 Cavium Inc.
 Copyright (C) 2005 - 2011 Myricom, Inc. All rights reserved.
 Copyright (C) 2002-2013 Tensilica, Inc.
 Copyright (C) 2005 - 2008 Jeff Dike <jdike@{linux.intel,addtoit}.com>
 Copyright (C) 2005 - 2006 Attansic Corporation. All rights reserved.
 Copyright (C) 2005 <bradlch@hotmail.com>
 Copyright (C) 2005 Media Lab Inc. <ito@mlb.co.jp>
 Copyright (C) 2005 Grant Coady <gcoady.lk@gmail.com>
 Copyright (C) 2005 Frank Arnold
 Copyright (C) 2004-9 Patrick Boettcher <patrick.boettcher@desy.de>
 Copyright (C) 2004-6 Patrick Boettcher (patrick.boettcher@desy.de)
 Copyright (C) 2004-6 Patrick Boettcher <patrick.boettcher@desy.de>
 Copyright (C) 2004-5 by Florian Floe Echtler <echtler@fs.tum.de> and Andreas ad Deresch
 <aderesch@fs.tum.de>
 Copyright (C) 2003-2004 -5 Red Hat, Inc. All Rights Reserved. Written by David Howells
 (dhowells@redhat.com)

Copyright (C) 2004-2004 -5 Patrick Boettcher (patrick.boettcher@desy.de)
 Copyright (C) 2004-2014 Emulex. All rights reserved. www.emulex.com
 Copyright (C) 2004-2011 Texas Instruments Incorporated Author: Aurelien Jacquot (aurelien.jacquot@virtuallogix.com)
 Copyright (C) 2004-2011 Emulex. All rights reserved. www.emulex.com
 Copyright (C) 2004-2011 Control, Inc.
 Copyright (C) 2004-2010 Sage Weil <sage@newdream.net>
 Copyright (C) 2004-2010 Markus Grabner (grabner@icg.tugraz.at) Emil Myhrman (emil.myhrman@gmail.com)
 Copyright (C) 2004-2010 Markus Grabner (grabner@icg.tugraz.at)
 Copyright (C) 2002-2010 Dominik Brodowski
 Copyright (C) 2004-2009 Mattia Dongili <malattia@gmail.com>.
 Copyright (C) 2004-2009 EMS Dr. Thomas Wuensche
 Copyright (C) 2004-2009 Dominik Brodowski <linux@dominikbrodowski.net>
 Copyright (C) 2003-2009 Dominik Brodowski <linux@dominikbrodowski.de>
 Copyright (C) 2004-2009 Applied Micro Circuits Corporation.
 Copyright (C) 2004-2009 Analog Devices Inc. akbar.hussain@lineo.com
 Copyright (C) 2004-2009 Analog Devices Inc. Tony Kou (tonyko@lineo.ca)
 Copyright (C) 2004-2009 Analog Devices Inc. 2008-2009 Bluetechnix 2005 National ICT Australia (NICTA) Aidan Williams <aidan@nicta.com.au>
 Copyright (C) 2004-2009 Analog Devices Inc. 2007-2008 HV Sistemas S.L. Javier Herrero <jherrero@hvsistemas.es>
 Copyright (C) 2004-2009 Analog Devices Inc. 2007 David Rowe 2006 Intratrade Ltd. Ivan Danov <idanov@gmail.com>
 Copyright (C) 2004-2009 Analog Devices Inc. 2005 National ICT Australia (NICTA) Aidan Williams <aidan@nicta.com.au>
 Copyright (C) 2004-2009 Analog Devices Inc. 2003 HuTao 2002 Arcturus Networks Inc.
 Copyright (C) 2004-2009 Analog Devices Inc. 2002 David McCullough <davidm@snapgear.com>
 Copyright (C) 2004-2009 Analog Devices Inc. 2001 Lineo, Inc Tony Kou 1993 Hamish Macdonald
 Copyright (C) 2004-2008, 2009, 2010 Cavium Networks
 Copyright (C) 2004-2008 by Eric Van Hensbergen <ericvh@gmail.com>
 Copyright (C) 2004-2008 International Business Machines Corp. Author(s): Michael A. Halcrow <mahalcro@us.ibm.com> Trevor S. Highland <trevor.highland@gmail.com> Tyler Hicks <tyhicks@ou.edu>
 Copyright (C) 1999-2008 Ingo Molnar <mingo@redhat.com>
 Copyright (C) 2004-2008 Analog Devices Inc. 2008 Benjamin Matthews <bmat@lle.rochester.edu>
 Copyright (C) 2004-2007, 2011-2012 Freescale Semiconductor, Inc. All rights reserved.
 Copyright (C) 2004-2007, David Dillow Written by David Dillow <dave@thedillows.org> .
 Copyright (C) 1999-2007 , Axis Communications AB
 Copyright (C) 2004-2007 by Daniel Ritz <daniel.ritz@gmx.ch>
 Copyright (C) 2004-2007 Vladimir Lebedev <vladimir.p.lebedev@intel.com>
 Copyright (C) 2004-2007 Texas Instruments, Inc. Tony Lindgren <tony@atomide.com>
 Copyright (C) 1992-2007 Silicon Graphics, Inc.
 Copyright (C) 2004-2007 International Business Machines Corp. Author(s): Michael A. Halcrow <mahalcrow@us.ibm.com> Michael C. Thompson <mcthompson@us.ibm.com>
 Copyright (C) 2004-2007 Herbert Pötzl.
 Copyright (C) 2001-2008 Greg Kroah-Hartman <greg@kroah.com>
 Copyright (C) 2004-2007 Alan Stern, stern@rowland.harvard.edu
 Copyright (C) 2004-2006 maintech GmbH, Thomas Kleffel <tk@maintech.de>
 Copyright (C) 2003-2006 by Jan-Benedict Glaw <jbglaw@lug-owl.de>
 Copyright (C) 2004-2006 Trusted Computer Solutions, Inc.
 Copyright (C) 2004-2006 Tom Rini <trini@kernel.crashing.org>

Copyright (C) 2004-2006 Thomas Kleffel, All Rights Reserved.
 Copyright (C) 2004-2006 TOSHIBA CORPORATION. All Rights Reserved.
 Copyright (C) 2004-2006 Sylvain Munaut
 Copyright (C) 2004-2006 MontaVista Software, Inc. Dale Farnsworth <dale@farnsworth.org>
 Copyright (C) 2004-2006 Luc Saillard (luc@saillard.org).
 Copyright (C) 2004-2006 LinSysSoft Technologies Pvt. Ltd.
 Copyright (C) 2004-2006 Jean-Baptiste Note <jean-baptiste.note@m4x.org>.
 Copyright (C) 2004-2006 Jean-Baptiste Note <jbnote@gmail.com>, et al.
 Copyright (C) 2004-2006 Jean-Baptiste Note <jbnote@gmail.com>
 Copyright (C) 2004-2006 International Business Machines Corp. Author(s): Michael A. Halcrow
 <mhalcrow@us.ibm.com> Michael C. Thompson <mcthoms@us.ibm.com> Trevor S. Highland
 <trevor.highland@gmail.com>
 Copyright (C) 1998-2008 Ingo Molnar
 Copyright (C) 2004-2006 Hyok S. Choi (hyok.choi@samsung.com)
 Copyright (C) 2004-2006 Joern Engel <joern@wh.fh-wedel.de>
 Copyright (C) 2004-2005, Szabolcs Gyurko <szabolcs.gyurko@tlt.hu>
 Copyright (C) 2004-2005 , Kyle McMartin <kyle@parisc-linux.org>
 Copyright (C) 2004-2005, Eugene Surovegin <ebs@ebshome.net>
 Copyright (C) 2004-2005, 2008, 2013 Red Hat, Inc. All Rights Reserved. Written by David
 Howells (dhowells@redhat.com)
 Copyright (C) 2004-2005, 2008 Red Hat, Inc. All Rights Reserved. Written by David Howells
 (dhowells@redhat.com)
 Copyright (C) 2004-2007 by Latchesar Ionkov <lucho@ionkov.net>
 Copyright (C) 2004-2005 Trusted Computer Solutions, Inc. dgoeddel@trustedcs.com>
 Copyright (C) 2001-2005 Stelian Pop <stelian@popies.net>
 Copyright (C) 2004-2005 Richard Purdie.
 Copyright (C) 2004-2005 Richard Purdie <rpurdie@rpsys.net>
 Copyright (C) 2004-2005 Red Hat, Inc. Jeff Garzik <jgarzik@pobox.com>
 Copyright (C) 2004-2005 Phil Blundell <pb@handhelds.org>
 Copyright (C) 2004-2005 Oliver Stabel <oliver.stabel@gmx.de> Tim Davies
 <tim@opensystems.net.au>
 Copyright (C) 2004-2005 Nokia Corporation. Dynamic Tick Timer written by Tony Lindgren
 <tony@atomide.com> and Tuukka Tikkanen <tuukka.tikkanen@elektrobit.com>.
 Copyright (C) 2004-2005 Nokia Corporation Authors: Juha Yrjölä <juha.yrjola@nokia.com> Imre
 Deak <imre.deak@nokia.com>
 Copyright (C) 2004-2005 MontaVista Software Inc. Author: Manish Lachwani,
 mlachwani@mvista.com or manish@koffee-break.com
 Copyright (C) 2004-2005 Martin Langer <martin-langer@gmx.de>
 Copyright (C) 2004-2005 IBM Corp. All Rights Reserved.
 Copyright (C) 2000-2011 Deep Blue Solutions Ltd.
 Copyright (C) 2004-2005 Christoph Hellwig .
 Copyright (C) 2004-2005 Borislav Deianov <borislav@users.sf.net>
 Copyright (C) 2004-2005 Andrey Volkov <avolkov@varma-el.com>
 Copyright (C) 2004-2014 Andrea Merello <andrea.merello@gmail.com>
 Copyright (C) 2002-2015 ARM Ltd.
 Copyright (C) 2004-2005 AMD Author: AMD
 Copyright (C) 2004-20010 Analog Devices Inc.
 Copyright (C) 2004,2012 Freescale Semiconductor, Inc All rights reserved.
 Copyright (C) 2004,2008 Laurent Vivier <Laurent@lvivier.info>
 Copyright (C) 2004,2007,2008 IBM Corporation
 Copyright (C) 2004,2005,2009 Simtec Electronics Ben Dooks <ben@simtec.co.uk>
 Copyright (C) 2004,2005 Benjamin Herrenschmidt, IBM Corp.
 Copyright (C) 2004-2005 ADDI-DATA GmbH.
 Copyright (C) 2004, Stephen Hemminger <shemminger@osdl.org>
 Copyright (C) 2004, SigmaTel, Inc. <irquality@sigmatel.com>

Copyright (C) 2004, OGAWA Hirofumi.
 Copyright (C) 2004, Matt Porter <mporter@kernel.crashing.org>
 Copyright (C) 2004, LynuxWorks, Inc., Igor Manyilov, Bill Huey
 Copyright (C) 2004, Intel Corporation <jketreno@linux.intel.com>
 Copyright (C) 2002-2005 , Instant802 Networks, Inc.
 Copyright (C) 2004, David Woodhouse, Roman Kagan
 Copyright (C) 2004, David Woodhouse
 Copyright (C) 2004, 2013 Intel Corporation Author: Naveen B S <naveen.b.s@intel.com> Rafael
 J. Wysocki <rafael.j.wysocki@intel.com>
 Copyright (C) 2004, 2010-2011 Red Hat, Inc. All rights reserved.
 Copyright (C) 2004, 2010 Nokia Corporation Written by Timo Teras <ext-
 timo.teras@nokia.com>
 Copyright (C) 2004, 2009, 2011 Texas Instruments Incorporated Author: Aurelien Jacquot
 (aurelien.jacquot@jaluna.com)
 Copyright (C) 2004, 2009, 2010, 2011 Texas Instruments Incorporated Author: Aurelien
 Jacquot <aurelien.jacquot@ti.com>
 Copyright (C) 2004, 2009, 2010 Texas Instruments Incorporated
 Copyright (C) 2004, 2009, 2010 2011 Texas Instruments Incorporated Author: Aurelien Jacquot
 (aurelien.jacquot@jaluna.com)
 Copyright (C) 2004, 2007-2010, 2011-2012 Synopsys, Inc.
 Copyright (C) 2004, 2007, 2008 Wolfson Microelectronics PLC. Author: Mark Brown
 <broonie@opensource.wolfsonmicro.com>
 Copyright (C) 2003-2008 Wolfson Microelectronics PLC. Author: Liam Girdwood
 <lrg@slimlogic.co.uk>
 Copyright (C) 2004, 2007 IBM Corp. Authors: Belinda Thompson (belindat@us.ibm.com) Andy
 Richter (richtera@us.ibm.com) Peter Tiedemann (ptiedem@de.ibm.com)
 Copyright (C) 2004, 2006, 2009, 2010, 2011 Texas Instruments Incorporated Author: Aurelien
 Jacquot (aurelien.jacquot@jaluna.com)
 Copyright (C) 2004, 2006, 2009, 2010 Texas Instruments Incorporated Author: Aurelien
 Jacquot (aurelien.jacquot@jaluna.com)
 Copyright (C) 2004, 2006 MIPS Technologies, Inc. All rights reserved. Author: Maciej W.
 Rozycki <macro@mips.com>
 Copyright (C) 2004-2006 Hirokazu Takata <takata at linux-m32r.org>
 Copyright (C) 2004, 2005, 2006, 2008 Thiemo Seufer
 Copyright (C) 2004, 2005, 2006 Red Hat, Inc., Ingo Molnar <mingo@redhat.com>
 Copyright (C) 2004, 2005, 2006 Nokia Corporation
 Copyright (C) 2004, 2005 by Andriy Skulysh
 Copyright (C) 2004, 2005 Winbond Electronics Corp. Shane Huang, Rudolf Marek
 <r.marek@assembler.cz>
 Copyright (C) 2004-2005 Stephen Hemminger <shemminger@osdl.org>
 Copyright (C) 2004, 2005 Stefan Ott <stefan@desire.ch>
 Copyright (C) 2004, 2005 Paul Mundt <lethal@linux-sh.org>
 Copyright (C) 2004-2005 Oracle.
 Copyright (C) 2004, 2005 Martin Habets (mhabet@users.sourceforge.net)
 Copyright (C) 2004, 2005 Manu Abraham (manu@kromtek.com)
 Copyright (C) 2004, 2005 MIPS Technologies, Inc. All rights reserved. Author: Maciej W.
 Rozycki <macro@mips.com>
 Copyright (C) 2004, 2005 IBM, John Stultz (johnstul@us.ibm.com)
 Copyright (C) 2002-2005 Dominik Brodowski <linux@brodo.de>
 Copyright (C) 2004, 2005 Chris Pascoe
 Copyright (C) 2004, 05, 06 by Ralf Baechle
 Copyright (C) 2004, 05, 06 MIPS Technologies, Inc. Elizabeth Clarke (beth@mips.com) Ralf
 Baechle (ralf@linux-mips.org)
 Copyright (C) 2004, 05 Thomas Osterried <thomas@x-berg.in-berlin.de>
 Copyright (C) 2004 jornada 720 kbd driver by Alex Lange <chicken@handhelds.org>

Copyright (C) 2004 convergence GmbH
 Copyright (C) 2004 by Thomas Rathbone, HP Labs
 Copyright (C) 2004 by Thomas Rathbone
 Copyright (C) 2004 by Symmetric Systems Ltd (NZ)
 Copyright (C) 2004 by FS Forth-Systeme GmbH All rights reserved.
 Copyright (C) 2004 by Eric Lemoine (eric.lemoine@gmail.com)
 Copyright (C) 2004 by Daniel Ritz
 Copyright (C) 2004 by Christoph Hellwig
 Copyright (C) 2004 by Al Borchers (alborchers@steinerpoint.com).
 Copyright (C) 2004 Zou Nan hai <nanhai.zou@intel.com>.
 Copyright (C) 2002-2004 Xilinx Inc., Systems Engineering Group
 Copyright (C) 2004 Vernon Mauery <vernux@us.ibm.com>
 Copyright (C) 2004 Venky Raju(dev@venky.ws)
 Copyright (C) 2004 VIA Technologies Inc.
 Copyright (C) 2004 Uwe Koziolk
 Copyright (C) 2004 Ulf Eklund <ivtv at eklund.to>
 Copyright (C) 2004 Ulf Eklund
 Copyright (C) 2004 Tom Rini (trini@mvista.com)
 Copyright (C) 2004 Tom Long Nguyen <tom.l.nguyen@intel.com>
 Copyright (C) 2002-2004 Thomas Gleixner (tglx@linutronix.de)
 Copyright (C) 2004 The Unichrome project. All Rights Reserved.
 Copyright (C) 2004 The Unichrome Project. All Rights Reserved.
 Copyright (C) 2004 The Free Software Initiative of Japan
 Copyright (C) 2004 Texas Instruments, Richard Woodruff <r-woodruff2@ti.com>
 Copyright (C) 1998-2004 Takashi Iwai <tiwai@suse.de>
 Copyright (C) 2004 THE PACKAGE'S COPYRIGHT HOLDER. Ducrot Bruno
 <ducrot@poupinou.org>
 Copyright (C) 2004-2004 Szabolcs Gyurko.
 Copyright (C) 2004 SuperH (UK) Ltd Author: Richard Curnow
 Copyright (C) 2004 Sun Microsystems Inc.
 Copyright (C) 2004 Steven J. Hill <sjhill1@rockwellcollins.com>
 Copyright (C) 2004 Sten Wang <sten.wang@rdc.com.tw>
 Copyright (C) 2004 Stefan Holst (mail@s-holst.de) Uni-Stuttgart
 Copyright (C) 2004 Silicon Graphics, Inc. Jesse Barnes <jbarnes@sgi.com>
 Copyright (C) 2004 Silicon Graphics Inc. All Rights Reserved.
 Copyright (C) 2004 Sean McGoogan
 Copyright (C) 2004 Sascha Hauer, Synertronixx GmbH
 Copyright (C) 2004 Salvador E. Tropea <set@users.sf.net> <set@ieee.org>
 Copyright (C) 2004 Saito.K & Jeanne(ksaito@interface.co.jp)
 Copyright (C) 2004 S.Hauer, Pengutronix
 Copyright (C) 2004 Ryan S Arnold, IBM Corporation
 Copyright (C) 2004 Roelf Diedericks <roelfd@inet.co.za>
 Copyright (C) 2002-2004 Rick Bronson.
 Copyright (C) 2004 Red Hat, Inc. All Rights Reserved. Written by David Woodhouse.
 Copyright (C) 2004 Red Hat, Inc. All Rights Reserved. Written by David Woodhouse
 (dwmw2@infradead.org)
 Copyright (C) 2004 QLogic Corporation.
 Copyright (C) 2004 Psion Teklogix (for NetBook PRO)
 Copyright (C) 2004 Psion Teklogix
 Copyright (C) 2004 Philip Rischel <rischelp@idt.com>
 Copyright (C) 2004 Peter M. Jones <pjones@redhat.com>
 Copyright (C) 2004 Peter Fuerst.
 Copyright (C) 2004 Pete Trapps
 Copyright (C) 2004 Pekka Pietikainen
 Copyright (C) 2004 Pavel Pisa

Copyright (C) 2004 Paul Serice.
 Copyright (C) 2004 Paul Mackerras (paulus@samba.org) and Benjamin Herrenschmidt (benh@kernel.crashing.org)
 Copyright (C) 2004 Paul Mackerras <paulus@samba.org>
 Copyright (C) 2004 Patrick Mochel 2005 Rudolf Marek <r.marek@assembler.cz>
 Copyright (C) 2003-2004 PathScale, Inc.
 Copyright (C) 2004 Oprofile Authors
 Copyright (C) 2004 Olof Johansson, IBM Corporation and Ben. Herrenschmidt, IBM Corporation
 Copyright (C) 2004 Olof Johansson <olof@lixom.net>, IBM Corporation
 Copyright (C) 2004 Olivier Gournet <ogournet@anevia.com> & Andrew de Quincey <adq_dvb@lidskialf.net>
 Copyright (C) 2004 Novell, Inc. All rights reserved.
 Copyright (C) 2004 Nokia Corporation by Tony Lindrgen <tony@atomide.com>
 Copyright (C) 2004 Nokia Corporation by Imre Deak <imre.deak@nokia.com>
 Copyright (C) 2004 Nokia Corporation Written by Tuukka Tikkanen and Juha Yrjölä <juha.yrjola@nokia.com>
 Copyright (C) 2004 Nokia Corporation Author: Samuel Ortiz <samuel.ortiz@nokia.com>
 Copyright (C) 2004 Nicolai Haehnle. All Rights Reserved.
 Copyright (C) 2004 Nathan Lynch IBM Corporation.
 Copyright (C) 2004 Nadia Yvette Chambers
 Copyright (C) 2004 NTT DATA Intellilink Co.
 Copyright (C) 2004 Motoyuki Ito (motoyuki@soft.fujitsu.com)
 Copyright (C) 2004 MontaVista Software Inc. Author: Manish Lachwani, mlachwani@mvista.com
 Copyright (C) 2004 MontaVista Software Inc. Author: Manish Lachwani (mlachwani@mvista.com)
 Copyright (C) 2002-2004 MontaVista Software
 Copyright (C) 2004 Microtronix Datacom Ltd. Written by Wentao Xu <xuwentao@microtronix.com>
 Copyright (C) 2003-2004 Microtronix Datacom Ltd.
 Copyright (C) 2004 Michel Lachine <mike@mikelachaine.ca>
 Copyright (C) 2004 Matthias Badaire
 Copyright (C) 2004 Matt Mackall <mpm@selenic.com>
 Copyright (C) 2004-2004 Markus Schulz <msc@antzsystem.de>
 Copyright (C) 2004 Margit Schubert-While <margitsw@t-online.de>
 Copyright (C) 2004 LynuxWorks, Inc., Igor Manyilov, Bill Huey
 Copyright (C) 2004 Luming Yu <luming.yu@intel.com>
 Copyright (C) 2004 Lothar Wassmann
 Copyright (C) 2004 Lonnie Mendez (dignome@gmail.com)
 Copyright (C) 2004 Liu Peng Infineon.
 Copyright (C) 2003-2004 Linda Xie <lxie@us.ibm.com>
 Copyright (C) 2004 Li Shaohua <shaohua.li@intel.com>
 Copyright (C) 2002-2004 Ladislav Michl
 Copyright (C) 2004 Kyle McMartin <kyle@debian.org>
 Copyright (C) 2004 Konrad Eisele (eiselekd@web.de, konrad@gaisler.com) Gaisler Research
 Copyright (C) 2004 Koen Kooi <koen@vestingbar.nl>
 Copyright (C) 2004 Keith M Wesolowski (wesolows@foobazco.org)
 Copyright (C) 2000-2004 Keith M Wesolowski
 Copyright (C) 2004 Keiichi Tokunaga (tokunaga.keiich@jp.fujitsu.com)
 Copyright (C) 2004 Kazuhiro Inaoka
 Copyright (C) 2004 Kay Sievers <kay.sievers@vrfy.org>
 Copyright (C) 2004 Karen Spearl
 Copyright (C) 2004 Justin Thiessen <jthiessen@penguincomputing.com>.
 Copyright (C) 2004 Jon Smirl <jonsmirl@yahoo.com>
 Copyright (C) 2004 Jon Smirl <jonsmirl@gmail.com>

Copyright (C) 2004 John Steele Scott.
 Copyright (C) 2004 John Lenz
 Copyright (C) 2004 Jochen Friedrich
 Copyright (C) 2004 Jens Maurer <Jens.Maurer@gmx.net>
 Copyright (C) 2004 Jens Axboe <axboe@suse.de> SUSE Labs
 Copyright (C) 2004 Jeff Lackey.
 Copyright (C) 2004 Jean-Frederic Clere.
 Copyright (C) 2004 Jan M. Hochstein hochstein@algo.informatik.tu-darmstadt.de>
 Copyright (C) 2002-2004 Jamey Hicks <jamey.hicks@hp.com>
 Copyright (C) 2004 James Cleverdon, IBM.
 Copyright (C) 2004 J. Mayer.
 Copyright (C) 2004 Intracom, S.A.
 Copyright (C) 2004 Interface Co., Ltd. Saito.K
 Copyright (C) 2004 Intel Corporation Ashok Raj <ashok.raj@intel.com>
 Copyright (C) 2004 Intel Corporation <matthew.e.tolentino@intel.com>
 Copyright (C) 2004 Intel Corporation <jketreno@linux.intel.com>
 Copyright (C) 2004 Infineon.
 Copyright (C) 2004 Ian Molton, All Rights Reserved.
 Copyright (C) 2004 Ian Campbell.
 Copyright (C) 2004 IDT Inc. (rischelp@idt.com)
 Copyright (C) 2004 IDT Inc.
 Copyright (C) 2004 ICT CAS Author: Li xiaoyu, lixy@ict.ac.cn
 Copyright (C) 2004 IBM Deutschland Entwicklung GmbH, IBM Corporation Author: Arnd Bergmann <arnd@arndb.de>
 Copyright (C) 2001-2004 IBM Corporation. All rights reserved.
 Copyright (C) 2004 IBM Corporation, Rusty Russell.
 Copyright (C) 2004 IBM Corporation Authors: Leendert van Doorn <leendert@watson.ibm.com>
 Dave Safford <safford@watson.ibm.com> Reiner Sailer <sailer@watson.ibm.com> Kylene Hall <kjhall@us.ibm.com>
 Copyright (C) 2004 Hyok S. Choi (MPU support)
 Copyright (C) 2004 Hong-Gunn Chew <hglinux@gunnet.org> and Jean Delvare <jdelvare@suse.de>
 Copyright (C) 2004 Hollis Blanchard <hollisb@us.ibm.com>, IBM
 Copyright (C) 2003-2004 Hiroshi Miura <miura@da-cha.org>
 Copyright (C) 2004 Hirokazu Takata, Kei Sakamoto
 Copyright (C) 2004 Greg Ungerer <gerg@uclinux.com>
 Copyright (C) 1999-2012 Greg Kroah-Hartman (greg@kroah.com)
 Copyright (C) 1999-2004 Grant Grundler
 Copyright (C) 2004 George T. Joseph.
 Copyright (C) 2004 Fujitsu Siemens Computers GmbH Author: Bodo Stroesser (bodo.stroesser@fujitsu-siemens.com)
 Copyright (C) 2004 Fujitsu Siemens Computers GmbH Author: Bodo Stroesser <bstroesser@fujitsu-siemens.com>
 Copyright (C) 2004 Fujitsu Siemens Computers GmbH
 Copyright (C) 2004 Freescale Semiconductor, Inc Author: Andy Fleming
 Copyright (C) 2004 Florian Schirmer (jolt@tuxbox.org)
 Copyright (C) 2004 Ferenc Havasi <havasi@inf.u-szeged.hu>, Zoltan Sogor <weth@inf.u-szeged.hu>, Patrik Kluba <pajko@halom.u-szeged.hu>, University of Szeged, Hungary
 Copyright (C) 2004 Ferenc Havasi <havasi@inf.u-szeged.hu>, University of Szeged, Hungary
 Copyright (C) 2004 Felix Kuehling. All Rights Reserved.
 Copyright (C) 2004 Eric Varsanyi
 Copyright (C) 2004 Embedded Edge, LLC dan@embeddededge.com
 Copyright (C) 2004 Embedded Edge, LLC <dan@embeddededge.com>
 Copyright (C) 2004 Embedded Edge, LLC
 Copyright (C) 2004 Dirk Behme <dirk.behme@de.bosch.com>

Copyright (C) 2004 Digeo, Inc., Palo Alto, CA, U.S.A. All Rights Reserved.
 Copyright (C) 2004 Dell, All Rights Reserved.
 Copyright (C) 2004 David S. Miller <davem@redhat.com>
 Copyright (C) 2004 David Gibson <dwg@au.ibm.com>, IBM
 Copyright (C) 2004 David Chaw <david_chaw@adaptec.com>
 Copyright (C) 2004 David Bronaugh <dbronaugh>
 Copyright (C) 2004 Daniel Mack <daniel@qanu.de> and Holger Waechtler <holger@qanu.de>
 Copyright (C) 2004 Cooper Street Innovations Inc. Author: Charles Eidsness <charles@cooper-street.com>
 Copyright (C) 2004 Clemens Fruhwirth <clemens@endorphin.org>
 Copyright (C) 2004 Chris Kennedy <c@groovy.org>
 Copyright (C) 2004 Carl-Daniel Hailfinger.
 Copyright (C) 2004 Bruno Ducrot <ducrot@poupinou.org>
 Copyright (C) 2004 Boris Hu
 Copyright (C) 2004 Benjamin Herrenschmidt (benh@kernel.crashing.org), IBM Corp.
 Copyright (C) 2004 Benjamin Herrenschmidt (benh@kernel.crashing.org) IBM Corp.
 Copyright (C) 2004 Benjamin Herrenschmidt (benh@kernel.crashing.org), IBM Corp.
 Copyright (C) 2004 Ben Dooks, Simtec Electronics
 Copyright (C) 2004 BULL SA. Written by Simon.Derr@bull.net
 Copyright (C) 2004 Ashok Raj <ashok.raj@intel.com>
 Copyright (C) 2004 Arnd Bergmann (arnd@arndb.de)
 Copyright (C) 2004 Arcom Control Systems Ltd <linux@arcom.com>
 Copyright (C) 2004 Arcom Control Systems
 Copyright (C) 2004 Antonio Mancuso <antonio.mancuso@digitaltelevision.it> Amauri Celani <acelani@esegi.net>
 Copyright (C) 2001-2004 Antonino Daplas<adaplas@pol.net> All Rights Reserved
 Copyright (C) 2004 Antonino A. Daplas <adaplas @pol.net>
 Copyright (C) 2003-2004 Anton Blanchard <anton@au.ibm.com>
 Copyright (C) 2004 Anil S Keshavamurthy (anil.s.keshavamurthy@intel.com)
 Copyright (C) 2004 Anil S Keshavamurthy <anil.s.keshavamurthy@intel.com>
 Copyright (C) 2004 Andriy Skulysh <askulysh@image.kiev.ua>
 Copyright (C) 2004 Andrew de Quincey (wol support)
 Copyright (C) 2004 Andrew de Quincey (tuning thread cleanup)
 Copyright (C) 2004 Andreas Monitzer <andy@monitzer.com>
 Copyright (C) 2004 Andrea Merello <andrea.merello@gmail.com>.
 Copyright (C) 2000-2004 Andi Kleen, SuSE Labs
 Copyright (C) 2004 Amaury Demol for DiBcom (ademol@dibcom.fr)
 Copyright (C) 2004 Alexandre d'Alton <alex@alexdalton.org>
 Copyright (C) 2004 Alex Song
 Copyright (C) 2004 Alex Kern <alex.kern@gmx.de>
 Copyright (C) 2004 Albert Herranz LANDISK.
 Copyright (C) 2004 Alan Modra (amodra@au.ibm.com), IBM Corp.
 Copyright (C) 2003-2004 Advanced Micro Devices
 Copyright (C) 2003-2004 ATMEL
 Copyright (C) 2004 ATI Technologies Inc., Markham, Ontario
 Copyright (C) 2004 ARM Limited. Written by Deep Blue Solutions Limited.
 Copyright (C) 2004 AMD.
 Copyright (C) 2004 2005 2006 Michel Xhaard mxhaard@magic.fr
 Copyright (C) 2004 - 2010 Vladislav Bolkhovitin <vst@vlnb.net>
 Copyright (C) 2004-2009 Gertjan van Wingerde <gwingerde@gmail.com>
 Copyright (C) 2004 - 2008 Nokia Corporation Written by Tuukka Tikkanen <tuukka.tikkanen@elektrobit.com>
 Copyright (C) 2004 - 2006 SourceForge Project.
 Copyright (C) 2004 - 2005, 2009-2010 Nokia Corporation Written by Tuukka Tikkanen <tuukka.tikkanen@elektrobit.com>

Copyright (C) 2004 - 2005 Nokia corporation Written by Tuukka Tikkanen
<tuukka.tikkanen@elektrobit.com>
Copyright (C) 2004 - 2005 Nokia Corporation. Tony Lindgen <tony@atomide.com> and Tuukka
Tikkanen <tuukka.tikkanen@elektrobit.com>
Copyright (C) 2004 - 2005 Leonid Stoljar
Copyright (C) 2004-2005 Dmitry Yusupov
Copyright (C) 2004-2005 Alex Aizman
Copyright (C) 2003-5, 2007 Red Hat, Inc. All Rights Reserved. Written by David Howells
(dhowells@redhat.com)
Copyright (C) 2003-2015 Broadcom Corporation All Rights Reserved
Copyright (C) 2003-2014 STMicroelectronics (R&D) Limited Author: Srinivas Kandagatla
<srinivas.kandagatla@st.com> Contributors: Giuseppe Cavallaro <peppe.cavallaro@st.com>
Copyright (C) 2003-2013 Broadcom Corporation. All Rights Reserved.
Copyright (C) 2003-2013 Altera Corporation All rights reserved.
Copyright (C) 2003-2012 ARM Ltd. Authors: Catalin Marinas <catalin.marinas@arm.com> Will
Deacon <will.deacon@arm.com>
Copyright (C) 2003-2011 NetLogic Microsystems, Inc. (NetLogic). All rights reserved.
Copyright (C) 2003-2010 Julian Anastasov
Copyright (C) 1997-2010 David Woodhouse.
Copyright (C) 2003-2008 Red Hat, Inc., James Morris <jmorris@redhat.com> Eric Paris
<eparis@redhat.com>
Copyright (C) 2003-2011 Oliver Endriss <o.endriss@gmx.de>
Copyright (C) 2003-2006, Marvell International Ltd. All Rights Reserved
Copyright (C) 2003-2006 Yasushi SHOJI <yashi@atmark-techno.com>
Copyright (C) 2003-2006 Sven Anders <anders@anduras.de>
Copyright (C) 2003-2006 Hyok S. Choi <hyok.choi@samsung.com>
Copyright (C) 2003-2006 Hyok S. Choi
Copyright (C) 2003-2006 David Hollis <dholis@davehollis.com>
Copyright (C) 2003-2006 ,2008 David Brownell
Copyright (C) 2003-2005 , 2007 Bartlomiej Zolnierkiewicz
Copyright (C) 2003-2005 SAN People (Pty) Ltd
Copyright (C) 2003-2005 Pontus Fuchs, Giridhar Pemmasani.
Copyright (C) 2003-2005 Nokia Corporation Written by Juha Yrjölä <juha.yrjola@nokia.com>
Copyright (C) 2003-2005 Matthew Wilcox (matthew.wilcox@hp.com)
Copyright (C) 2003-2005 Jeff Garzik
Copyright (C) 2000-2005 Hewlett Packard
Copyright (C) 2001-2005 Ben. Herrenschmidt (benh@kernel.crashing.org)
Copyright (C) 2003-2005 Anton Blanchard and Milton Miller, IBM Corp
Copyright (C) 2003-2004, Paul Clements, SteelEye Technology, Inc.
Copyright (C) 2002-2005 by Harald Welte <laforge@netfilter.org>
Copyright (C) 2003-2005 Venkatesh Pallipadi <venkatesh.pallipadi@intel.com>.
Copyright (C) 2003-2004 Simon Kelley.
Copyright (C) 2001-2004 Russell King, All Rights Reserved.
Copyright (C) 2003-2004 Robert Schwebel, Benedikt Spranger
Copyright (C) 2003-2004 Red Hat Inc., Durham, North Carolina. All Rights Reserved.
Copyright (C) 2003-2004 Oleksij Rempel <bug-track@fisher-privat.net> Jean Delvare
<jdelvare@suse.de>
Copyright (C) 2003-2004 MontaVista, Software, Inc. by Dale Farnsworth
<dfarnsworth@mvista.com>)
Copyright (C) 2003-2004 MontaVista, Software, Inc.
Copyright (C) 2003-2004 Luis R. Rodriguez <mccgror@ruslug.rutgers.edu>
Copyright (C) 2003-2004 Kevin Thayer <nufan_wfk at yahoo.com>
Copyright (C) 2002-2006 Ken Chen <kenneth.w.chen@intel.com>
Copyright (C) 2001-2007 Intel
Copyright (C) 2003-2004 Humboldt Solutions Ltd, adrian@humboldt.co.uk.

Copyright (C) 1998-2005 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 2003-2009 Giuliano Pochini <pochini@shiny.it>
Copyright (C) 2002-2004 Dennis Noermann <dennis.noermann@noernet.de>
Copyright (C) 2003-2004 Chris Kennedy
Copyright (C) 2003-2004 Amit S. Kale <amitkale@linsyssoft.com>
Copyright (C) 2003-2004 Alex Woods.
Copyright (C) 2003-2004 Alex Woods <linux-dvb@giblets.org>
Copyright (C) 2003-06 Adaptec Inc. achim_leubner@adaptec.com>
Copyright (C) 2003,4,5 Manfred Spraul.
Copyright (C) 2003,4 Red Hat, Inc. All Rights Reserved. Written by David Howells
(dhowells@redhat.com)
Copyright (C) 2003,2007 Pádraig Brady <P@draigBrady.com>
Copyright (C) 2003,2004 Ryan Bradetich <rbrad@parisc-linux.org>
Copyright (C) 2003,2004 Neil Whelchel (koyama@firstlight.net)
Copyright (C) 2003,2004 Krzysztof Benedyczak (golbi@mat.uni.torun.pl) Michal Wronski
(michal.wronski@gmail.com)
Copyright (C) 2003-2007 John Williams <jwilliams@itee.uq.edu.au>
Copyright (C) 1999-2004 Hewlett-Packard Company
Copyright (C) 2003,2004 Eric Biederman (ebiederm@xmission.com)
Copyright (C) 2003,2004 Ben. Herrenschmidt <benh@kernel.crashing.org>
Copyright (C) 2003-2004 Aurelien Alleaume <slts@free.fr>
Copyright (C) 2003, Randy Dunlap <rdunlap@xenotime.net>
Copyright (C) 2003, Peter Sadik <peter.sadik@idt.com>
Copyright (C) 2003, Micrel Semiconductors
Copyright (C) 2002-2003 , Jouni Malinen <jkmaline@cc.hut.fi>
Copyright (C) 2003, Fabian Frederick <ffrederick@users.sourceforge.net>
Copyright (C) 2003, Duncan Sands, SolNegro, Josep Comas
Copyright (C) 2003, Duncan Sands
Copyright (C) 2000-2008 MontaVista Software Inc. Author: MontaVista Software, Inc.
<source@mvista.com>
Copyright (C) 2003, 2006 Hewlett-Packard Development Company, L.P. Alex Williamson
<alex.williamson@hp.com> Bjorn Helgaas <bjorn.helgaas@hp.com>
Copyright (C) 2003, 2005, 2006 David S. Miller (davem@davemloft.net)
Copyright (C) 2003, 2004, 2007 Maciej W. Rozycki
Copyright (C) 2003, 2004-2006 Red Hat, Inc. All Rights Reserved. Written by David Howells
(dhowells@redhat.com)
Copyright (C) 2003, 2004-2006 Andriy Skulysh
Copyright (C) 2003, 2004, 2005, 2012 IBM Corp.
Copyright (C) 2003, 2004, 2005, 2006, 2007, 2008 Wolfson Microelectronics PLC. Author: Liam
Girdwood <lrg@slimlogic.co.uk>
Copyright (C) 2003, 2004, 2005 Paul Mundt
Copyright (C) 2003, 2004 gcs - Global Communication & Services GmbH.
Copyright (C) 2003, 2004 SuperH, Inc.
Copyright (C) 2003, 2004 Samuel Rydh.
Copyright (C) 2003-2004 SUGIOKA Toshinobu
Copyright (C) 2003-2004 Richard Curnow
Copyright (C) 2003, 2004 Renesas Technology Corp.
Copyright (C) 2003, 2004 Reinhard Nissl <rnissl@gmx.de>
Copyright (C) 2002-2007 Ralf Baechle (ralf@linux-mips.org)
Copyright (C) 2003, 2004 IBM Corp. Ryan S. Arnold (rsa@us.ibm.com)
Copyright (C) 1998-2004 Gerd Knorr
Copyright (C) 2003, 2004 Egbert Eich
Copyright (C) 2003, 2004 Colin Leroy, Rasmus Rohde, Benjamin Herrenschmidt
Copyright (C) 2003, 2004 Chris Dearman
Copyright (C) 2003-2005 (c) MontaVista Software, Inc.

Copyright (C) 2003, 04, 11 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2003, 04, 07 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2003, 04, 07 Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2003, 04, 05 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2003, 04 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2003 zecke@handhelds.org
 Copyright (C) 2003 mjander mjander@users.sourceforge.net
 Copyright (C) 2003 by Texas Instruments Incorporated
 Copyright (C) 2003 by Sampsa Ranta <sampsa@netsonic.fi>
 Copyright (C) 2003 by Kazuhiro Inaoka
 Copyright (C) 2001-2003 by James.Bottomley@HansenPartnership.com
 Copyright (C) 2003 by Hans-Joerg Frieden and Thomas Frieden
 Copyright (C) 2003 by Chuck Lever <cel@netapp.com>
 Copyright (C) 2001-2003 by Andreas Gruenbacher, <a.gruenbacher@computer.org>
 Copyright (C) 2003 Yasuyuki Kozakai @USAGI <yasuyuki.kozakai@toshiba.co.jp>
 Copyright (C) 2003 Winfried Ritsch (IEM).
 Copyright (C) 2002-2003 Vivien Chappelier <vivien.chappelier@linux-mips.org>
 Copyright (C) 2003 Vadim Catana <skystar@moldova.cc>:
 Copyright (C) 2003 Vadim Catana <skystar@moldova.cc>
 Copyright (C) 2003 Tungsten Graphics, Inc., Cedar Park, Texas. All Rights Reserved.
 Copyright (C) 2003 Thomas Charbonnel (thomas@undata.org)
 Copyright (C) 2003 Thiemo Seufer <seufer@csv.ica.uni-stuttgart.de>
 Copyright (C) 2003 Takashi Kusuda <kusuda-takashi@hitachi-ul.co.jp>
 Copyright (C) 2003 Sylvain Munaut <tnt@246tNt.com> Kjell Claesson
 <keyson@users.sourceforge.net>
 Copyright (C) 2003 Sistina Software Limited.
 Copyright (C) 2003 Simtec Electronics (linux@simtec.co.uk)
 Copyright (C) 2003 Shane Spencer <shane@bogomip.com> Adrian Yee <brewt-fujitsu@brewt.org>
 Copyright (C) 2003 Sean McGoogan (Sean.McGoogan@superh.com)
 Copyright (C) 2003 Samuel Rydh (samuel@ibrium.se)
 Copyright (C) 2003 Roy Bulter <rbulter@hetnet.nl>
 Copyright (C) 2003 Richard Curnow, SuperH UK Limited
 Copyright (C) 2003 Richard Curnow, SuperH (UK) Ltd.
 Copyright (C) 2003 Richard Curnow <richard.curnow@superh.com>
 Copyright (C) 2003 Red Hat Inc <jgarzik@redhat.com>
 Copyright (C) 2003 Red Hat Inc <alan@lxorguk.ukuu.org.uk>
 Copyright (C) 2003 Red Hat <alan@redhat.com>
 Copyright (C) 2003 Randolph Chung.
 Copyright (C) 2003 Phytex Messtechnik GmbH <armlinux@phytec.de>
 Copyright (C) 2003 Peter Milne, D-TACQ Solutions Ltd Peter dot Milne at D hyphen TACQ dot com>
 Copyright (C) 2003 Pavel Machek (pavel@ucw.cz)
 Copyright (C) 2003 Paul Andreassen <paul@andreassen.com.au>
 Copyright (C) 2003 PMC-Sierra, Inc., written by Manish Lachwani
 Copyright (C) 2003 Nokia Corporation Written by Timo Teräs <ext-timo.teras@nokia.com>
 Copyright (C) 2003 Montavista Software, Inc
 Copyright (C) 2003 MontaVista Software, Inc.
 Copyright (C) 2003 MontaVista Software, Inc. Author: George G. Davis <gdavis@mvista.com>
 or <source@mvista.com>
 Copyright (C) 2002-2003 MontaVista Software Inc. Author: Jun Sun, jsun@mvista.com or
 jsun@junsun.net
 Copyright (C) 2003 Mipsys - Benjamin Herrenschmidt
 Copyright (C) 1999-2003 Maxim Krasnyansky <maxk@qualcomm.com>

Copyright (C) 2003 Matthias Brukner, Trajet Gmbh, Rebenring 33, 38106 Braunschweig, GERMANY
 Copyright (C) 2003 Matthew T. Russotto.
 Copyright (C) 2003 Matjaz Breskvar <phoenix@bsemi.com>
 Copyright (C) 2003 Mark Studebaker
 Copyright (C) 2003 Manuel Estrada Sainz
 Copyright (C) 2003 Lineo uSolutions, Inc.
 Copyright (C) 2003 Laurent Canet
 Copyright (C) 2003 Krzysztof Halasa
 Copyright (C) 2003 Krzysztof Benedyczak & Michal Wronski
 Copyright (C) 2003 Konrad Eisele <eiselekd@web.de>
 Copyright (C) 1998-2003 Kirk Reiser.
 Copyright (C) 2003 Kevin Thayer <nufan_wfk@yahoo.com>
 Copyright (C) 2003-2003 Kartikey Mahendra Bhatt <kartik_me@hotmail.com>.
 Copyright (C) 2003 Joshua Wise
 Copyright (C) 2003 John Whitney (john.whitney@timesys.com)
 Copyright (C) 2003 John Klar
 Copyright (C) 2003 Joerg Dorchain
 Copyright (C) 2003 Jana Saout <jana@saout.de>
 Copyright (C) 2003 Jamie Honan
 Copyright (C) 2003 James Bottomley <jejb with parisc-linux.org>
 Copyright (C) 2003 Intel Corporation Venki Pallipadi
 Copyright (C) 2003 Intel Co Suresh Siddha <suresh.b.siddha@intel.com> Fenghua Yu <fenghua.yu@intel.com> Arun Sharma <arun.sharma@intel.com>
 Copyright (C) 2002-2003 Hewlett-Packard Co David Mosberger <davidm@hpl.hp.com>
 Copyright (C) 2003 Heiko Ronsdorf <hero@ihg.uni-duisburg.de>
 Copyright (C) 1999-2008 H. Peter Anvin - All Rights Reserved
 Copyright (C) 2003 Guido Guenther <agx@sigxcpu.org>
 Copyright (C) 2003 Grant Grundler <grundler parisc-linux org>
 Copyright (C) 2003 Gerd Knorr <kraxel@bytesex.org> [SuSE Labs]
 Copyright (C) 2003 Georges Menie
 Copyright (C) 2003 Geert Uytterhoeven <geert@linux-m68k.org>
 Copyright (C) 2003 Fruhwirth Clemens <clemens@endorphin.org>
 Copyright (C) 2002-2003 Fenghua Yu <fenghua.yu@intel.com>
 Copyright (C) 2003 Ethan Benson <erbenson@alaska.net>
 Copyright (C) 2003 Digi International.
 Copyright (C) 2003 Digi International, Scott H Kilau <Scott_Kilau at digi dot com>
 Copyright (C) 2003 Digi International Scott H Kilau <Scott_Kilau at digi dot com>
 Copyright (C) 2003 Develer S.r.l. Author: Bernardo Innocenti <bernie@codewiz.org>
 Copyright (C) 2003 Deep Blue Solutions, Ltd, All Rights Reserved.
 Copyright (C) 1996-2004 David S. Miller (davem@redhat.com)
 Copyright (C) 2003 David Glance <davidgsf@sourceforge.net> 2001-2004 Juergen Stuber <starblue@users.sourceforge.net>
 Copyright (C) 2003 David Glance <advidgsf@sourceforge.net> Juergen Stuber <starblue@users.sourceforge.net>
 Copyright (C) 2003 David Borowski.
 Copyright (C) 2002-2003 Dave Engebretsen <engebret@us.ibm.com>
 Copyright (C) 2003 Convergence GmbH
 Copyright (C) 2003 Conexant Americas Inc. All Rights Reserved.
 Copyright (C) 2003 Coherent Imaging Systems
 Copyright (C) 2003 Christoph Hellwig (hch@lst.de)
 Copyright (C) 2003 Carlos O'Donnell <carlos at parisc-linux.org>
 Copyright (C) 2003 Bruno Ducrot
 Copyright (C) 2003 Bernardo Innocenti <bernie@develer.com>
 Copyright (C) 2002-2003 Benjamin Herrenschmidt (benh@kernel.crashing.org)

Copyright (C) 2003 Benedikt Spranger, Pengutronix
 Copyright (C) 2003 BULL SA.
 Copyright (C) 2003 Axis Communications.
 Copyright (C) 2003 Aurelien Alleaume.
 Copyright (C) 2003 AudioScience, Inc.
 Copyright (C) 2003 Atheros Communications, Inc., All Rights Reserved.
 Copyright (C) 1999-2003 Asit Mallick <asit.k.mallick@intel.com>
 Copyright (C) 2003 Ardis Technologies <roman@ardistech.com>
 Copyright (C) 2003 Alexey N. Kuznetsov.
 Copyright (C) 2000-2003 Al Borchers (alborchers@steinerpoint.com)
 Copyright (C) 2003 Agilent Technologies
 Copyright (C) 2003 Adrian Sun (asun@darksunrising.com)
 Copyright (C) 2002-2003 Adam Belay <ambx1@neo.rr.com>
 Copyright (C) 2003 ATI Inc. <hyu@ati.com>
 Copyright (C) 2003 2004 Michel Xhaard mxhaard@magic.fr
 Copyright (C) 2003 - 2009 NetXen, Inc.
 Copyright (C) 2003-2008 Nokia Corporation Author: Juha Yrjölä <juha.yrjola@nokia.com>
 Copyright (C) 2003 - 2004, 2006 Tresys Technology, LLC
 Copyright (C) 2003-2004 Tresys Technology, LLC.
 Copyright (C) 2003 - 2004 Tresys Technology
 Copyright (C) 2003 Takeo Takahashi <takahashi.takeo@renesas.com>
 Copyright (C) 2003 Michiel Rook <michiel@grendelproject.nl>
 Copyright (C) 2003 Megasolution Inc. <matsu@megasolution.jp>
 Copyright (C) 2002~2010 by Guan Xue-tao
 Copyright (C) 2002/2003 by Andreas Eversberg (jolly@eversberg.eu)
 Copyright (C) 2002-2011 Sentelic Corporation.
 Copyright (C) 2002-2011 Hugh Dickins.
 Copyright (C) 2002-2010, Ralink Technology, Inc.
 Copyright (C) 2002-2010 Exar Corp.
 Copyright (C) 1998-2008 Novell/SUSE
 Copyright (C) 2002-2007, Benjamin Herrenschmidt (benh@kernel.crashing.org)
 Copyright (C) 2002-2007 Kristian Høgsberg
 Copyright (C) 2002-2007 KVASER AB
 Copyright (C) 2002-2007 Hewlett-Packard Co Contributed by David Mosberger-Tang
 <davidm@hpl.hp.com>
 Copyright (C) 2002-2007 Helge Deller <deller with parisc-linux.org>
 Copyright (C) 1995-2007 H. Peter Anvin
 Copyright (C) 2002-2006 Novell, Inc. Jan Beulich <jbeulich@novell.com>
 Copyright (C) 2002-2006 KVASER AB, Sweden. All rights reserved.
 Copyright (C) 2000-2005 VERITAS Software Corporation.
 Copyright (C) 2002-2005 Roman Zippel <zippel@linux-m68k.org>
 Copyright (C) 2002-2005 Pavel Roskin <proski@gnu.org>
 Copyright (C) 2000-2007 MontaVista Software Inc.
 Copyright (C) 2002-2005 Julien Lerouge, 2003-2006 Karol Kozimor
 Copyright (C) 2002-2005 Eric Biederman <ebiederm@xmission.com>
 Copyright (C) 2002-2005 Emmanuel Pacaud <emmanuel.pacaud@univ-poitiers.fr>
 Copyright (C) 2001-2005 Dave Jones.
 Copyright (C) 2002-2005 Clemens Ladisch.
 Copyright (C) 2002-2005 BUFFALO INC.
 Copyright (C) 2002-2005 - Tom Zanussi (zanussi@us.ibm.com), IBM Corp
 Copyright (C) 2002-2004 by Luca Risolia <luca.risolia@studio.unibo.it>
 Copyright (C) 2002-2004 Timesys Corporation
 Copyright (C) 2002-2004 Stefan Eletzhofer
 Copyright (C) 2002-2004 Sensoray Co., Inc.
 Copyright (C) 2002-2004 Rohit Seth <rohit.seth@intel.com>

Copyright (C) 2001-2004 Randolph Chung <tausq@debian.org>
Copyright (C) 2002-2004 John Belmonte
Copyright (C) 1999-2003 by Armin Schindler (mac@melware.de)
Copyright (C) 2002-2005 Stephen Rothwell, IBM Corporation
Copyright (C) 2002-2003 SnapGear Inc
Copyright (C) 2002-2003 Romain Lievin <roms@tilp.info>
Copyright (C) 2001-2003 Patrick Mochel <mochel@osdl.org>
Copyright (C) 1999-2004 Matthew Wilcox <willy at parisc-linux.org>
Copyright (C) 2002-2003 Intel Corp Inaky Perez-Gonzalez <inaky.perez-gonzalez@intel.com>.
Copyright (C) 2001-2003 Hewlett-Packard Co Stephane Eranian <eranian@hpl.hp.com>
Copyright (C) 2002-2003 Hewlett Packard Co Stephane Eranian <eranian@hpl.hp.com>
Copyright (C) 2002-2006 Greg Ungerer <gerg@snapgear.com>
Copyright (C) 2002-2003 Greg Kroah-Hartman 2002-2003
Copyright (C) 2002-2004 Florian Schirmer <jolt@tuxbox.org>
Copyright (C) 2002-2003 Fabrizio Gennari <fabrizio.gennari@philips.com>
Copyright (C) 2002-2003 Deep Blue Solutions Ltd, all rights reserved.
Copyright (C) 2002-2003 David McCullough <davidm@snapgear.com>
Copyright (C) 2000-2003 Cytronics & Melware (info@melware.de)
Copyright (C) 2002-2005 Andreas Oberitter <obi@linuxtv.org>
Copyright (C) 2001-2003 Andreas Gruenbacher <agruen@suse.de>
Copyright (C) 2002-04 Intel Corporation .
Copyright (C) 2002,5 Red Hat, Inc. All Rights Reserved. Written by David Howells
(dhowells@redhat.com)
Copyright (C) 2002,2011 Greg Ungerer <gerg@snapgear.com>
Copyright (C) 2002,2005 by SOMA Networks, Inc.
Copyright (C) 2002-2005 SOMA Networks, Inc.
Copyright (C) 2002,2004 MARA Systems AB, by Henrik Nordstrom <hno@marasystems.com>
Copyright (C) 2000-2003 by Andreas Gruenbacher <a.gruenbacher@computer.org>
Copyright (C) 2002,2003 Takayoshi Kochi (t-kochi@bq.jp.nec.com)
Copyright (C) 2002,2003 Suresh Siddha <suresh.b.siddha@intel.com>
Copyright (C) 2001-2003 Jun Nakajima <jun.nakajima@intel.com>
Copyright (C) 2002,2003 Intrinsyc Software
Copyright (C) 2002,2003 Intel Corp. Jun Nakajima <jun.nakajima@intel.com> Suresh Siddha
<suresh.b.siddha@intel.com>
Copyright (C) 2002,2003 Andi Kleen <ak@suse.de>
Copyright (C) 2002-2003 Adaptec, Inc.
Copyright (C) 2002,03 NEC Electronics Corporation
Copyright (C) 2002,03 Miles Bader <miles@gnu.org>
Copyright (C) 2000-2002 , Rohit Seth <rohit.seth@intel.com>
Copyright (C) 2002, Phil Karn.
Copyright (C) 1992-2002 , Linus Torvalds.
Copyright (C) 2002, Erich Focht, NEC
Copyright (C) 2002, ATI Corp.
Copyright (C) 2002, 2008 by Andreas Mohr.
, 1996-2008 David S. Miller (davem@davemloft.net)
Copyright (C) 2002, 2006 Ken Chen <kenneth.w.chen@intel.com>
Copyright (C) 2002, 2005 MIPS Technologies, Inc. All rights reserved. Authors: Carsten
Langgaard <carstenl@mips.com> Maciej W. Rozycki <macro@mips.com>
Copyright (C) 2002, 2005 - 2011 by Andreas Mohr.
Copyright (C) 2002, 2004, 2009 IBM Corporation
Copyright (C) 2002, 2004, 2007 by Ralf Baechle <ralf@linux-mips.org>
Copyright (C) 2002, 2004, 2007 by Ralf Baechle
Copyright (C) 2002, 2004, 2005 Oracle. All rights reserved.
Copyright (C) 2002, 2004 Hewlett-Packard Development Company, L.P. Khalid Aziz
<khalid.aziz@hp.com> Bjorn Helgaas <bjorn.helgaas@hp.com>

Copyright (C) 2002, 2003-2006 Paul Mundt
 Copyright (C) 2002, 2003, 2005 Ilya A. Volynets
 Copyright (C) 2002, 2003, 2004, 2005, 2007 Maciej W. Rozycki
 Copyright (C) 2002, 2003, 2004 Hewlett-Packard Development Company, L.P. Khalid Aziz
 <khalid.aziz@hp.com> Alex Williamson <alex.williamson@hp.com> Bjorn Helgaas
 <bjorn.helgaas@hp.com>
 Copyright (C) 2002, 2003, 2004 Dell Inc. by Matt Domsch <Matt_Domsch@dell.com> .
 Copyright (C) 2002, 2003, 2004 Dell Inc. by Matt Domsch <Matt_Domsch@dell.com>
 Copyright (C) 2002, 2003, 06, 07 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2002, 2003 Philip Pokorny <ppokorny@penguincomputing.com>
 Copyright (C) 2002-2003 Marc Zyngier <maz@wild-wind.fr.eu.org>
 Copyright (C) 2001-2003 Ladislav Michl (ladis@linux-mips.org)
 Copyright (C) 2000-2003 IBM Deutschland Entwicklung GmbH, IBM Corporation
 Copyright (C) 2002, 2003 David Dawes <dawes@xfree86.org> 2004 Sylvain Meyer
 Copyright (C) 2002, 2003 - Tom Zanussi (zanussi@us.ibm.com), IBM Corp
 Copyright (C) 2002 to 2004 Adaptec, Inc.All Rights Reserved.
 Copyright (C) 2002 by gaoyonghong.
 Copyright (C) 2002 by Ron Minnich <rminnich@lanl.gov>
 Copyright (C) 2002 by Peter Schildmann <peter.schildmann@web.de>
 Copyright (C) 2002 by Mylex.
 Copyright (C) 2002 by Kai Germaschewski <kai@germaschewski.name>
 Copyright (C) 2001-2002 by Kai Germaschewski <kai.germaschewski@gmx.de>
 Copyright (C) 2002-2002 by Concurrent Computer Corporation.
 Copyright (C) 2002 by Brian J. Murrell <netfilter@interlinx.bc.ca>
 Copyright (C) 2002 by Andi Kleen, SuSE Labs.
 Copyright (C) 2002 by Adam Belay.
 Copyright (C) 2002 Zwane Mwaikambo <zwane@commfireservices.com>
 Copyright (C) 2002 Yuriy Sysoev <yuriy@naturesoft.net>
 Copyright (C) 2001-2002 Wolfgang Scherr <scherr@net4you.at>
 Copyright (C) 2002 Trond Myklebust <trond.myklebust@fys.uio.no>
 Copyright (C) 2002 Toshinobu Sugioka
 Copyright (C) 2000-2002 Toshiba Corporation
 Copyright (C) 2002 Tobias Hoffmann
 Copyright (C) 2002 TimeSys Corp.
 Copyright (C) 2002 Thibaut Varene <varenet@parisc-linux.org>
 Copyright (C) 2002 The Weather Channel, Inc.
 Copyright (C) 2002 Tapio Laxström (tapio.laxstrom@iptime.fi)
 Copyright (C) 2001-2002 Takayoshi Kochi <t-kochi@bq.jp.nec.com>
 Copyright (C) 2002 SuperH Ltd.
 Copyright (C) 2002 Sun Microsystems, Inc. Tim Hockin <thockin@sun.com>
 Copyright (C) 2000-2002 Stuart Menefy (stuart.menefy@st.com)
 Copyright (C) 2001-2002 Steve Underwood
 Copyright (C) 2002 Steve Schmidtke Licensed under the GPL
 Copyright (C) 2002 Stefan Eletzhofer <stefan.eletzhofer@eletztrick.de>
 Copyright (C) 2002 SnapGear, by Paul Dale <pauli@snapgear.com>
 Copyright (C) 2002 Shane Nay (shane@minirl.com)
 Copyright (C) 2000-2002 Sam Creasey <sammy@sammy.net>
 Copyright (C) 2002 SYSGO Real-Time Solutions GmbH
 Copyright (C) 2002 STMicroelectronics Limited Author : Stuart Menefy
 Copyright (C) 2001-2002 SGI - Silicon Graphics, Inc <linux-xfs@oss.sgi.com>
 Copyright (C) 2002 Ryan Bradetich
 Copyright (C) 2002 Rusty Russell <rusty@rustcorp.com.au> IBM Corporation
 Copyright (C) 2002 Rory Bolt
 Copyright (C) 2002 Roman Zippel <zippel@linux-m68k.org> .
 Copyright (C) 2002 Robert Schwebel <r.schwebel@pengutronix.de>

Copyright (C) 2002 Robert Kaiser <rkaiser@sysgo.de>
 Copyright (C) 2002 Rob Radez <rob@osinvestor.com>
 Copyright (C) 2001-2002 RidgeRun, Inc.
 Copyright (C) 2002 Richard Russon
 Copyright (C) 2002 Richard Hirst (rhirst with parisc-linux.org)
 Copyright (C) 1997-2002 Richard Henderson.
 Copyright (C) 2002 Red Hat Inc <alan@redhat.com>
 Copyright (C) 2002 Randy Dunlap <rdunlap@xenotime.net>
 Copyright (C) 2002 Randolph Chung <tausq with parisc-linux.org>
 Copyright (C) 2001-2002 Randolph Chung <tausq at parisc-linux.org>
 Copyright (C) 2002 Randolph CHung <tausq@debian.org>
 Copyright (C) 2002 Ralf Baechle DO1GRB (ralf@gnu.org)
 Copyright (C) 2002 Rabeeh Khoury <rabeeh@galileo.co.il> Rabeeh Khoury
 <rabeeh@marvell.com>
 Copyright (C) 2001-2002 Qlogic Corporation.
 Copyright (C) 2002-2002 Peter Hettkamp <peter.hettkamp@htp-tel.de>
 Copyright (C) 2002 Peter Bergner <bergner@vnet.ibm.com>, IBM
 Copyright (C) 1998-2002 Pete Zaitcev <zaitcev@yahoo.com>
 Copyright (C) 2002 Patrick Mansfield
 Copyright (C) 2002 Pascal Dameme <netinet@freesurf.fr> and Marc Zyngier
 <mzyngier@freesurf.fr>
 Copyright (C) 2002 Pdraig Brady. <padraig@antefacto.com>
 Copyright (C) 1999-2002 Niibe Yutaka
 Copyright (C) 2002 NetChip Technology, Inc.
 Copyright (C) 2002 Neil Brown <neilb@cse.unsw.edu.au>
 Copyright (C) 2002 Motorola GSG-China
 Copyright (C) 2001-2002 MontaVista Software Inc. Author: jsun@mvista.com or
 jsun@junsun.net
 Copyright (C) 2001-2003 MontaVista Software Inc. Author: Yoichi Yuasa <source@mvista.com>
 Copyright (C) 2001-2002 MontaVista Software Inc. Author: MontaVista Software, Inc.
 stevel@mvista.com or source@mvista.com
 Copyright (C) 2002 MontaVista Software Inc. Author: Michael Pruznick,
 michael_pruznick@mvista.com
 Copyright (C) 2002 Monta Vista Software Inc
 Copyright (C) 2002 Momentum Computer, Inc. Author: Matthew Dharm
 <mdharm@momenco.com>
 Copyright (C) 2002 Michael Hillmann <hillmann@syscongroup.de>
 Copyright (C) 2002 Maxim Yevtyushkin <max@linuxmedialabs.com>
 Copyright (C) 2001-2002 Matthew Wilcox (willy at parisc-linux.org)
 Copyright (C) 2002 Matthew Dharm <mdharm@momenco.com>
 Copyright (C) 2002 Martin Devera.
 Copyright (C) 2002 Martijn Sipkema
 Copyright (C) 2002 Mark D. Studebaker <mdsxyz123@yahoo.com>
 Copyright (C) 2002 Marius Gröger (mag@sysgo.de)
 Copyright (C) 2002 M. R. Brown <mrbrown@linux-sh.org>
 Copyright (C) 2002 Lionel Bouton <Lionel.Bouton@inet6.fr>
 Copyright (C) 2002 Laurent Canet <canetl@esiee.fr>
 Copyright (C) 2002 Kuba Ober (kuba@mareimbrium.org)
 Copyright (C) 2002 Khalid Aziz <khalid_aziz@hp.com>
 Copyright (C) 2002 Karsten Merker <merker@debian.org>
 Copyright (C) 2002 KOBIL Systems GmbH Author: Thomas Wahrenbruch
 Copyright (C) 2002 Justin Cormack <justin@street-vision.com>
 Copyright (C) 2002 Jungo Software Technologies.
 Copyright (C) 2002 John Levon <levon@movementarian.org>
 Copyright (C) 2002 Joachim Wuttke <Joachim.Wuttke@icn.siemens.de>

Copyright (C) 2001-2002 Jenna Hall <jenna.s.hall@intel.com>
 Copyright (C) 2002 James Simmons <jsimmons@users.sf.net>
 Copyright (C) 2002 Intrinsyc, Inc. (Frank Becker)
 Copyright (C) 2002 Intrinsyc Software Inc.
 Copyright (C) 2001-2002 Intersil Americas Inc.
 Copyright (C) 2002 Intel Crop., Louis Zhuang (louis.zhuang@intel.com)
 Copyright (C) 2002 Intel (eli.kupermann@intel.com, christopher.leech@intel.com, scott.feldman@intel.com)
 Copyright (C) 2002 Hiroshi Aono (h-aono@ap.jp.nec.com)
 Copyright (C) 2002 Hirokazu Takata, Takeo Takahashi
 Copyright (C) 2002 Hewlett-Packard Development Group, L.P. Author: Torben Mathiasen <torben.mathiasen@hp.com>
 Copyright (C) 2002 Guido Guenther <agx@sigxcpu.org>, All Rights Reserved.
 Copyright (C) 2002 GALILEO TECHNOLOGY, LTD.
 Copyright (C) 2002 Felix Domke <tmbinc@elitedvb.net> Andreas Oberritter <obi@linuxtv.org>
 Copyright (C) 2002 Erich Focht <efocht@ess.nec.de>
 Copyright (C) 2002 Embedix, Inc
 Copyright (C) 2002 Embedded Edge, LLC Author: dan@embeddededge.com
 Copyright (C) 2002 Dominik Brodowski <devel@brodo.de>
 Copyright (C) 2002 Denis Oliver Kropp <dok@directfb.org>
 Copyright (C) 2002 Deep Blue Solutions Ltd, All Rights Reserved.
 Copyright (C) 2002 David J. McKay & Benedict Gaster
 Copyright (C) 2002-2002 David Howells (dhowells@redhat.com).
 Copyright (C) 2002 David Howells <dhowells@redhat.com>
 Copyright (C) 2002 Daniel Vecino Castel <dvecino@able.es>
 Copyright (C) 2002 Dag Arne Osvik <osvik@ii.uib.no> 2003 Herbert Valerio Riedel <hvr@gnu.org>
 Copyright (C) 2002 Connect Tech Inc.
 Copyright (C) 2002 Christer Weingel <wingel@nano-system.com>
 Copyright (C) 2002 Broadcom, Inc. author: Mark Vandevoorde.
 Copyright (C) 2002 Benedict Gaster
 Copyright (C) 2002 Anton Blanchard, IBM Corp.
 Copyright (C) 2002 Andreas Oberritter <obi@software.de>
 Copyright (C) 2002 Allend Stichter <allen.stichter@idt.com>
 Copyright (C) 2002 Alchemy Semiconductor Author: Alchemy Semiconductor, MontaVista Software
 Copyright (C) 2002 Alan Stern <stern@rowland.org>
 Copyright (C) 2002 Alan Cox <alan@redhat.com>
 Copyright (C) 2002 Al Stone <ahs3@fc.hp.com>
 Copyright (C) 1999-2002 AbsoluteValue Systems, Inc. All Rights Reserved.
 Copyright (C) 2002 ARM Ltd, All Rights Reserved
 Copyright (C) 2002 2007 Jeff Dike (jdike@{addtoit,linux.intel}.com)
 Copyright (C) 2002 2003 by MontaVista Software.
 Copyright (C) 2002-2014 , Areca Technology Corporation All rights reserved
 Copyright (C) 2002 - 2011 Paul Mundt. Markus Brunner, Mark Jonas (Jul 2007).
 Copyright (C) 2002 - 2008 Jeff Dike.
 Copyright (C) 2001-2007 Jeff Dike (jdike@{linux.intel,addtoit}.com).
 Copyright (C) 2002 - 2007 Jeff Dike (jdike@{addtoit,linux,intel}.com)
 Copyright (C) 2000-2006 Atom Create Engineering Co., Ltd.
 Copyright (C) 2002 - 2005 Benjamin Herrenschmidt <benh@kernel.crashing.org> and Markus Demleitner <msdemlei@cl.uni-heidelberg.de>
 Copyright (C) 2002-2010 Benjamin Herrenschmidt <benh@kernel.crashing.org>
 Copyright (C) 2002 & pcHDTV, inc.
 Copyright (C) 2002 Gary Brubaker
 Copyright (C) 2001~2010 GUAN Xue-tao

Copyright (C) 2001-5, B2C2 inc.
 Copyright (C) 2001-2015 Intel Corporation Author: 2014, 2015 Lv Zheng <lv.zheng@intel.com>
 2006, 2007 Alexey Starikovskiy <alexey.y.starikovskiy@intel.com> 2006 Denis Sadykov
 <denis.m.sadykov@intel.com> 2004 Luming Yu <luming.yu@intel.com>
 Copyright (C) 2001-2014 Yoshinori Sato <ysato@users.sourceforge.jp>
 Copyright (C) 2001-2013 Tensilica Inc. Authors Victor Prupis
 Copyright (C) 2001-2012 GUAN Xue-tao
 Copyright (C) 2001-2011 Guan Xuetao
 Copyright (C) 2001-2008 Stas Sergeev
 Copyright (C) 2001-2008 S3 Graphics, Inc. All Rights Reserved.
 Copyright (C) 2001-2008 Miklos Szeredi <miklos@szeredi.hu>
 Copyright (C) 2001-2007 Red Hat, Inc. and others
 Copyright (C) 2001-2007 Red Hat, Inc. Created by David Woodhouse <dwmw2@infradead.org>
 Copyright (C) 2001-2015 Red Hat, Inc. All Rights Reserved.
 Copyright (C) 2001-2007 Miklos Szeredi. All rights reserved.
 Copyright (C) 2001-2006,2008,2013 Greg Kroah-Hartman <greg@kroah.com>
 Copyright (C) 2001-2006 Storlink, Corp.
 Copyright (C) 2001-2009 Davide Libenzi
 Copyright (C) 2001-2005 by Thomas Winischhofer, Vienna, Austria.
 Copyright (C) 2001-2005 Thomas Winischhofer.
 Copyright (C) 2001-2005 Thomas Winischhofer, Vienna, Austria.
 Copyright (C) 2001-2005 Tensilica Inc. Authors Christian Zankel, Joe Taylor
 Copyright (C) 2001-2005 PPC 64 Team, IBM Corp
 Copyright (C) 2001-2004, SnapGear Inc. (www.snapgear.com)
 Copyright (C) 2000-2004 , 2006 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 2001-2004 by Thomas Winischhofer, Vienna, Austria and sis310_accel.h
 Copyright (C) 2001-2004 Stony Brook University
 Copyright (C) 2001-2004 Peter Osterlund <petero2@telia.com>
 Copyright (C) 2001-2004 Paul Mackerras <paulus@au.ibm.com>, IBM
 Copyright (C) 2001-2004 Jes Sorensen, Wild Open Source Inc.
 Copyright (C) 2001-2004 FarSite Communications Ltd.
 Copyright (C) 2001-2008 Aurelien Jarno <aurelien@aurel32.net>
 Copyright (C) 2001-2004 Amit S. Kale
 Copyright (C) 2001-2003 , SnapGear Inc.
 Copyright (C) 2001-2003, 2007-2008 MontaVista Software Inc. Author: MontaVista Software,
 Inc. <source@mvista.com>
 Copyright (C) 2001-2003, 2005 Hewlett-Packard Development Company, L.P. David
 Mosberger-Tang <davidm@hpl.hp.com> Bjorn Helgaas <bjorn.helgaas@hp.com>
 Copyright (C) 1995-2003 by Geert Uytterhoeven <geert@linux-m68k.org>
 Copyright (C) 2001-2013 SuSE Labs.
 Copyright (C) 2001-2003 Sistina Software (UK) Limited.
 Copyright (C) 2001-2003 Saito.K & Jeanne
 Copyright (C) 2001-2005 Patrick Mochel
 Copyright (C) 2001-2003 Liam Davies (ldavies@agile.tv)
 Copyright (C) 2001-2003 Jochen Eisinger <jochen@penguin-breeder.org>
 Copyright (C) 2001-2003 Ivan Martinez <imr@oersted.dtu.dk>
 Copyright (C) 2001-2003 Ilya Volynets
 Copyright (C) 2000-2003 Grant Grundler <grundler with parisc-linux.org>
 Copyright (C) 2001-2003 Bart De Schuymer <bdschuym@pandora.be>
 Copyright (C) 2001-2003 Andreas Gruenbacher, <agruen@suse.de>
 Copyright (C) 2001-2002, 2004 Hirokazu Takata
 Copyright (C) 2001-2002 Will Dyson <will_dyson@pobox.com>
 Copyright (C) 2001-2008 Thomas Bogendoerfer <tsbogend@alpha.franken.de>
 Copyright (C) 2001-2002 Ryan Bradetich <rbrad at parisc-linux.org>
 Copyright (C) 1998-2002 Petr Vandrovec <vandrove@vc.cvut.cz>

Copyright (C) 2001-2002 Matthew Wilcox <willy@debian.org>
 Copyright (C) 2001-2002 Marcel Holtmann <marcel@holtmann.org> Jose Orlando Pereira <jop@di.uminho.pt>
 Copyright (C) 2001-2002 Magnus Boden <mb@ozaba.mine.nu>
 Copyright (C) 2001-2002 Maciej Soltysiak <solt@dns.toxicfilms.tv>
 Copyright (C) 2001-2002 Klaus Smolin IBM Storage Technology Division
 Copyright (C) 2001-2002 Inventel Systemes Written by David Libault <david.libault@inventel.fr>
 Copyright (C) 2001-2002 Inventel Systemes Written 2001-2002 by
 Copyright (C) 2000-2005 IBM Deutschland Entwicklung GmbH.
 Copyright (C) 2001-2002 Greg Kroah-Hartman
 Copyright (C) 2001-2002 Convergence Integrated Media GmbH ralph@convergence.de>, holger@convergence.de>, js@convergence.de>
 Copyright (C) 2001-2002 Convergence Integrated Media GmbH Holger Waechter <holger@convergence.de>
 Copyright (C) 2000-2002 Benjamin Herrenschmidt
 Copyright (C) 2001-2002 Antefacto Ltd, 181 Parnell St, Dublin 1, Ireland.
 Copyright (C) 2001-2002 Andreas Gruenbacher, <a.gruenbacher@computer.org>
 Copyright (C) 2001-2002 Andras Kis-Szabo <kisza@sch.bme.hu>
 Copyright (C) 2001-2002 Alcôve.
 Copyright (C) 1998-2003 Andre Hedrick <andre@linux-ide.org>
 Copyright (C) 2001,2005, Scott J. Bertin <scottbertin@yahoo.com>
 Copyright (C) 2001,2004 Grant Grundler <grundler@parisc-linux.org>
 Copyright (C) 2001,2003,2004 Dell <Matt_Domsch@dell.com>
 Copyright (C) 2001,2002,2006 by Jan-Benedict Glaw <jbglaw@lug-owl.de>
 , 2001-2005 Broadcom Corporation
 Copyright (C) 2001,2002,2003,2004 Broadcom Corporation
 Copyright (C) 2001, 2002-2003 Frank Mori Hess <fmhess@users.sourceforge.net>
 Copyright (C) 2001,2002,2003 Benjamin Herrenschmidt (benh@kernel.crashing.org)
 Copyright (C) 2001,2002 Richard Russon <ldm@flatcap.org>
 Copyright (C) 2001-2002 Paul Diefenbaugh <paul.s.diefenbaugh@intel.com>
 Copyright (C) 2001,2002 Networks Associates Technology, Inc.
 Copyright (C) 2001,2002 Jeff Garzik <jgarzik@mandrakesoft.com>
 Copyright (C) 2001,2002 Jakob Kemi <jakob.kemi@telia.com>
 Copyright (C) 2001-2002 Hiroyuki Kondo, and Hirokazu Takata
 Copyright (C) 2001-2002 Simon Evans <spse@secret.org.uk>
 Copyright (C) 2001-2002 Miles Bader <miles@gnu.org>
 Copyright (C) 2001,02,03 NEC Electronics Corporation
 Copyright (C) 2001,02,03 Miles Bader <miles@gnu.org>
 Copyright (C) 2001,02 Gerd Knorr <kraxel@bytesex.org>
 Copyright (C) 2001, SnapGear.
 Copyright (C) 2001, STMicroelectronics, Inc.
 Copyright (C) 2000-2001 , Roman Weissgaerber <weissg@vienna.at>
 Copyright (C) 2000-2001 , Lineo Inc.
 Copyright (C) 2001, Jean Tourrilhes <jt@hpl.hp.com>
 Copyright (C) 2000-2001 , Dag Brattli <dag@brattli.net>
 Copyright (C) 2001, Cliff Brake <cbrake@accelent.com> and others.
 Copyright (C) 2001, Alcatel
 Copyright (C) 2001-2012 IBM Corp. Author(s): Robert Burroughs Eric Rossman (edrossma@us.ibm.com)
 Copyright (C) 2001, 2007 IBM Corp. Authors: Fritz Elfert (felfert@millenux.com) Peter Tiedemann (ptiedem@de.ibm.com)
 Copyright (C) 2001, 2007 IBM Corp. Authors: Fritz Elfert (felfert@millenux.com) Peter Tiedemann (ptiedem@de.ibm.com)
 Copyright (C) 2001, 2006, 2008 MontaVista Software, <source@mvista.com>

Copyright (C) 2001, 2006 IBM Corp. Author(s): Stefan Bader <shbader@de.ibm.com> Michael Holzheu <holzheu@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com>
 Copyright (C) 2001, 2006 IBM Corp. Author(s): Carsten Otte <cotte@de.ibm.com> Michael Holzheu <holzheu@de.ibm.com> Tuan Ngo-Anh <ngoanh@de.ibm.com> Martin Schwidefsky <schwidefsky@de.ibm.com>
 Copyright (C) 2001, 2004-2005 Intel Corp Rohit Seth <rohit.seth@intel.com> Suresh Siddha <suresh.b.siddha@intel.com> Gordon Jin <gordon.jin@intel.com> Ashok Raj <ashok.raj@intel.com>
 Copyright (C) 2001, 2004, 2011, 2012 MIPS Technologies, Inc.
 Copyright (C) 2001, 2003-2005 MontaVista Software Inc. Author: ahennessy@mvista.com source@mvista.com
 , 2003-2008 MontaVista Software Inc.
 Copyright (C) 2001, 2003 Steve Underwood, 2007 David Rowe
 Copyright (C) 2001-2003 Rusty Russell
 Copyright (C) 2001, 2002, MontaVista Software Inc. Author: Jun Sun, jsun@mvista.com or jsun@junsun.net
 Copyright (C) 2001, 2002, 2007, 2012 Imagination Technologies.
 Copyright (C) 2001, 2002, 2007, 2009, 2012 Imagination Technologies.
 Copyright (C) 2001, 2002, 2005, 2007, 2012 Imagination Technologies.
 Copyright (C) 2001, 2002, 2004 Hirokazu Takata
 Copyright (C) 2001, 2002, 2003, 2007, 2008 David S. Miller (davem@davemloft.net)
 Copyright (C) 2001, 2002, 2003, 2005, 2007, 2012 Imagination Technologies.
 Copyright (C) 2001, 2002, 2003, 2004, 2005, 2006, 2007 Imagination Technologies Ltd
 Copyright (C) 2001, 2002, 2003, 2004 David S. Miller (davem@redhat.com)
 Copyright (C) 2001, 2002, 2003 by Liam Davies (ldavies@agile.tv)
 Copyright (C) 2001, 2002, 2003 YOKOTA Hiroshi <yokota@netlab.is.tsukuba.ac.jp> GOTO Masanori <gotom@debian.or.jp>, <gotom@debian.org>
 Copyright (C) 2001, 2002, 2003 Paul Mundt
 Copyright (C) 2001, 2002, 2003 Patrick Mochel
 Copyright (C) 2001, 2002, 2003 Liam Davies (ldavies@agile.tv)
 Copyright (C) 2001, 2002, 2003 Jeff Garzik (jgarzik@pobox.com)
 Copyright (C) 2001, 2002 by: Alan Cox <alan@redhat.com> Thomas Hood Brian Gerst <bgerst@didntduck.org>
 Copyright (C) 2001-2003 Sistina Software
 Copyright (C) 2001-2002 Ryan Holm <ryan.holm@qvist.idt.com>
 Copyright (C) 2001, 2002 Red Hat.
 Copyright (C) 2001-2002 M. R. Brown
 Copyright (C) 2001, 2002 Hitoshi Yamamoto
 Copyright (C) 2001, 2002 Hirokazu Takata, Hiroyuki Kondo, Hitoshi Yamamoto
 Copyright (C) 2001-2002 Andy Grover <andrew.grover@intel.com>
 Copyright (C) 2001, 2002 Andreas Dilger <adilger@clusterfs.com>
 Copyright (C) 2001 by Stanislav Brabec <utx@penguin.cz>
 Copyright (C) 2001 by Peter Sprenger (sprenger@moving-bytes.de)
 Copyright (C) 2001 by Micro Solutions, Inc.
 Copyright (C) 2001 by Liam Davies (ldavies@agile.tv)
 Copyright (C) 2001 by Ladislav Michl
 Copyright (C) 2001 by Kai Germaschewski <kai.germaschewski@gmx.de> Karsten Keil <keil@isdn4linux.de>
 Copyright (C) 2001 by Jiun-Jie Huang <huangjj@genesyslogic.com.tw>
 Copyright (C) 2001 by Hiroyuki Kondo
 Copyright (C) 2001 by Frode Isaksen <fisaksen@bewan.com> 2001 by Kai Germaschewski <kai.germaschewski@gmx.de>
 Copyright (C) 2001 by Adaptec
 Copyright (C) 2001 by Karsten Merker <merker@linuxtag.org> and Maciej W. Rozycki <macro@ds2.pg.gda.pl>.

Copyright (C) 2001 WireX Communications, Inc <chris@wirex.com>
 Copyright (C) 2001 Will Dyson (will_dyson at pobox.com)
 Copyright (C) 2001 Will Dyson <will_dyson@pobox.com
 Copyright (C) 2001 Vic Phillips <vic@microtronix.com>
 Copyright (C) 2001 Utz-Uwe Haus <haus@uuhaus.de>
 Copyright (C) 2001 Todd Inglett, IBM Corporation
 Copyright (C) 2001 Tim Waugh <twbaugh@redhat.com>
 Copyright (C) 2001 Tensilica, Inc. by Kevin Chea .
 Copyright (C) 2001 Takashi Oe
 Copyright (C) 2001 Sysgo Real-Time Solutions GmbH
 Copyright (C) 2001 Sven Luther, <luther@dpt-info.u-strasbg.fr>
 Copyright (C) 2001 Sun Microsystems, Inc.
 Copyright (C) 2001 Sun Microsystems (thockin@sun.com)
 Copyright (C) 2000-2001 Steven J. Hill (sjhill@realitydiluted.com)
 Copyright (C) 2001 Steve Underwood and 2007-2008 David Rowe
 Copyright (C) 2001 Stefan Gmeiner <riddlebox@freesurf.ch>
 Copyright (C) 2001 Standard Microsystems Corporation Developed by Simple Network Magic Corporation
 Copyright (C) 2001 Simon Huggins
 Copyright (C) 2001 Silicon Graphics, Inc. (Trust Technology Group)
 Copyright (C) 2001 Scott Jennings <linuxdrivers@oro.net>
 Copyright (C) 2001 STMicroelectronics, Inc. Contact: steve.miller@st.com.
 Copyright (C) 2001-2001 SED Systems, a Division of Calian Ltd.
 Copyright (C) 2001 Ryan Bradetich <rbradetich@uswest.net>
 Copyright (C) 2001 Rusty Russell, 2002, 2010 Rusty Russell IBM.
 Copyright (C) 2001 Russell King, All rights reserved.
 Copyright (C) 2001 Ronny Strutz <3des@elitedvb.de>
 Copyright (C) 2001 Romain Dolbeau <romain@dolbeau.org>.
 Copyright (C) 2001 Romain Dolbeau <dolbeau@irisa.fr>
 Copyright (C) 2001 Rodolfo Giometti <giometti@ascensit.com>
 Copyright (C) 2001 Robert Siemer <Robert.Siemer@gmx.de>
 Copyright (C) 2001 Robert Schwebel <robert@schwebel.de>
 Copyright (C) 2001 Ridgerun, Inc (glonnon@ridgerun.com)
 Copyright (C) 2001 RidgeRun, Inc. Greg Lonnon <glonnon@ridgerun.com>
 Copyright (C) 2001 RidgeRun, Inc. Author: RidgeRun, Inc. Greg Lonnon (glonnon@ridgerun.com)
 Copyright (C) 2000-2001 RidgeRun, Inc. Author: Greg Lonnon <glonnon@ridgerun.com>
 Copyright (C) 2001 RidgeRun, Inc (glonnon@ridgerun.com)
 Copyright (C) 2001 Richard Zidlicky <rz@linux-m68k.org>
 Copyright (C) 2001 Richard Hirst <rhirst at parisc-linux.org>
 Copyright (C) 2001 Resilience Corporation <ebrower@resilience.com>
 Copyright (C) 2000-2001 Red Hat UK Limited
 Copyright (C) 2001 REINER SCT Author: Matthias Bruestle
 Copyright (C) 2001 Peter Bergner, IBM Corp.
 Copyright (C) 2001 PPC64 Team, IBM Corp
 Copyright (C) 2001 O'Reilly & Associates
 Copyright (C) 2001 NxtWave Communications, Inc.
 Copyright (C) 1999-2001 Niibe Yutaka & Kaz Kojima
 Copyright (C) 2001 Networks Associates Technology, Inc <ssmalley@nai.com>
 Copyright (C) 2001 MontaVista Software Inc. Author: MontaVista Software, Inc. ahennessy@mvista.com
 Copyright (C) 2001 MontaVista Software Inc. Author: Matt Porter <mporter@mvista.com>
 Copyright (C) 2001 MontaVista Software Inc.
 Copyright (C) 2001 Momchil Velikov
 Copyright (C) 2001-2001 Mike Corrigan & Dave Engebretsen, IBM Corporation

Copyright (C) 2001 Mike Corrigan & Dave Engebretsen IBM Corporation
 Copyright (C) 2001 Michael Eskin, Tom Zakrajsek.
 Copyright (C) 2001 Michael Ashley <m.ashley@unsw.edu.au>
 Copyright (C) 2001 Michael Anderson, IBM Corporation
 Copyright (C) 2001 Matthieu Delahaye <delahaym at esiee.fr>
 Copyright (C) 2001 Matthew Wilcox.
 Copyright (C) 2001 Matthew Wilcox for Hewlett-Packard
 Copyright (C) 2001 Massimo Dal Zotto <dz@debian.org>
 Copyright (C) 2001 Martin Josefsson <gandalf@wlug.westbo.se>
 Copyright (C) 2001 Mark Langsdorf (mark.langsdorf@amd.com)
 Copyright (C) 2001 Marc Boucher (marc@mbsi.ca).
 Copyright (C) 2001 Manuela Cirronis, Paolo Alberelli
 Copyright (C) 2001 MandrakeSoft S.A.
 Copyright (C) 2001 Lennert Buytenhek (buytenh@gnu.org) and James Leu
 (jleu@mindspring.net).
 Copyright (C) 2001 Lennert Buytenhek (buytenh@gnu.org)
 Copyright (C) 2001 Laurent Pinchart <lpinchart@freegates.be>
 Copyright (C) 2001 Ken Hill (khill@microtronix.com) Vic Phillips (vic@microtronix.com)
 Copyright (C) 1999-2001 Kaz Kojima
 Copyright (C) 2001 Junichi Morita <jun1m@mars.dti.ne.jp>
 Copyright (C) 2001 John Marvin <jsm fc hp com>
 Copyright (C) 2000-2001 Jeff Wiedemeier (Compaq Computer Corporation)
 Copyright (C) 2001 Jean-Christophe Vaugeois
 Copyright (C) 2001 Jean Tourrilhes, HP Labs
 Copyright (C) 2001 Jean Tourrilhes <jt AT hpl.hp.com>
 Copyright (C) 2001 Jean Tourrilhes
 Copyright (C) 2001 Jan-Benedict Glaw <jbglaw@lug-owl.de>
 Copyright (C) 2001 James.Bottomley@HansenPartnership.com
 Copyright (C) 2001 James Morris <jmorris@intercode.com.au>
 Copyright (C) 2001 Ivan Martinez <ivanmr@altavista.com>
 Copyright (C) 2001 Intel San Luis Obispo
 Copyright (C) 2001 Ian da Silva, Jeremy Siegel.
 Copyright (C) 2001 IBM. Dave Engebretsen, Peter Bergner, and Mike Corrigan
 {engebret|bergner|mikec}@us.ibm.com.
 Copyright (C) 2001 IBM Deutschland Entwicklung GmbH by Carsten Otte and " Michael
 Holzheu (cotte@de.ibm.com,holzheu@de.ibm.com).
 Copyright (C) 2001 Holger Waechtler.
 Copyright (C) 2001 Holger Waechtler for Convergence Integrated Media GmbH Marko Kohtala
 <marko.kohtala@luukku.com>
 Copyright (C) 2001 Hiroyuki Kondo, Hirokazu Takata, and Hitoshi Yamamoto
 Copyright (C) 2001 Hewlett-Packard (Paul Bame) <bame@debian.org>
 Copyright (C) 2001 Hewlett-Packard (Grant Grundler)
 Copyright (C) 2001 Hewlett-Packard <bame@debian.org>
 Copyright (C) 2001 Greg Banks <gnb@alphalink.com.au>
 Copyright (C) 2001 Grant Grundler (Hewlett Packard)
 Copyright (C) 2001 Georges Menie, Ken Desmet
 Copyright (C) 2001 Fred Lewis <frederick.v.lewis@intel.com>
 Copyright (C) 2001 Florian Lohoff.
 Copyright (C) 2001 Flaga hf. Medical Devices, Kári Davíðsson <kd@flaga.is>
 Copyright (C) 2001 FarSite Communications Ltd. www.farsite.co.uk
 Copyright (C) 2001 Dustin McIntire
 Copyright (C) 2001 Dimitromanolakis Apostolos <apdim@grecian.net>
 Copyright (C) 2001 Deep Blue Solutions Ltd. Modified by Catalin Marinus.
 Copyright (C) 2001 David J. McKay (david.mckay@st.com)
 Copyright (C) 1997-2007 David A. Schleef <ds@schleef.org>

Copyright (C) 1999-2001 David A. Hinds.
 Copyright (C) 2000-2001 Dave Kennedy
 Copyright (C) 2001 Dave Engebretsen, IBM Corporation
 Copyright (C) 2001 Dave Engebretsen & Todd Inglett IBM Corporation.
 Copyright (C) 2001-2001 Daniel Barlow.
 Copyright (C) 2001 Daniel Barlow <dan AT telent.net>
 Copyright (C) 1997-2001 Dan Malek (dmalek@jlc.net)
 Copyright (C) 2001 Cypress Semiconductor Inc.
 Copyright (C) 2001 Convergence integrated media GmbH Ralph Metzler
 <ralph@convergence.de>
 Copyright (C) 2001 Convergence Integrated Media GmbH
 Copyright (C) 2001 Christoph Hellwig <hch@infradead.org>
 Copyright (C) 2001 Chris Gauthron
 Copyright (C) 2001 Charles Howes <chowes@vsol.net>
 Copyright (C) 2001 Bradley D. LaRonde <brad@ltc.com>
 Copyright (C) 2001 Brad Hards (bhards@bigpond.net.au)
 Copyright (C) 2001 Brad Boyer (flar@allandria.com)
 Copyright (C) 2001 Benjamin LaHaise.
 Copyright (C) 2001 Ascensit <support@ascensit.com>
 Copyright (C) 2001 Arnaud Westenberg
 Copyright (C) 2001 Arcom Control System Ltd
 Copyright (C) 2000-2001 Andrea Arcangeli <andrea@suse.de> SuSE
 Copyright (C) 2001 Altera Corporation Hyok S. Choi, 2003.
 Copyright (C) 2001 Allan Willcox <allanwillcox@ozemail.com.au>
 Copyright (C) 2001 Alessandro Rubini and Jonathan Corbet
 Copyright (C) 2001 ARM Limited, by David A Rusling, Deep Blue Solutions Ltd.
 Copyright (C) 2001 - 2015 Intel Corp. Author: Andy Grover <andrew.grover@intel.com> Author:
 Paul Diefenbaugh <paul.s.diefenbaugh@intel.com> Author: Rafael J. Wysocki
 <rafael.j.wysocki@intel.com>
 Copyright (C) 2001-2012 Paul Mundt <lethal@linux-sh.org>
 Copyright (C) 2001 - 2007 Tensilica Inc. Kevin Chea <kchea@yahoo.com> Marc Gauthier
 <marc@linux-xtensa.org> Chris Zankel <chris@zankel.net>
 Copyright (C) 2001 - 2002 Ganesh Varadarajan <ganesh@veritas.com>
 Copyright (C) 2000-2010 Steven J. Hill <sjhill@realitydiluted.com> David Woodhouse
 <dwmw2@infradead.org> Thomas Gleixner <tglx@linutronix.de>
 Copyright (C) 2000-2008, Willy Tarreau <w@1wt.eu>
 Copyright (C) 2000-2007, 2012 Imagination Technologies.
 Copyright (C) 2000-2007 Axis Communications AB, Lund, Sweden
 Copyright (C) 2000-2006 Tigran Aivazian <tigran@aivazian.fsnet.co.uk> 2006 Shaohua Li
 <shaohua.li@intel.com>
 Copyright (C) 2000-2006 Tigran Aivazian <tigran@aivazian.fsnet.co.uk> 2006 Shaohua Li
 <shaohua.li@intel.com> 2013-2015 Borislav Petkov <bp@alien8.de>
 Copyright (C) 2000-2005 by Harald Welte <laforge@gnumonks.org>
 Copyright (C) 2000-2005 by David Brownell <dbrownell@users.sourceforge.net>
 Copyright (C) 2000-2005 Thomas Gleixner <tglx@linutronix.de>
 Copyright (C) 2000-2004 Netfilter Core Team.
 Copyright (C) 2000-2004 David Brownell <dbrownell@users.sourceforge.net>
 Copyright (C) 2000-2003 Paul Bame <bame at parisc-linux.org>
 Copyright (C) 1996-2003 Gerd Knorr <kraxel@bytesex.org>
 Copyright (C) 2000-2003 Dave Jones, Arjan van de Ven, Janne Pankälä, Dominik Brodowski.
 Copyright (C) 2000-2003 (c) Helge Deller
 Copyright (C) 2000-2002 by Kai Germaschewski (kai@germaschewski.name)
 Copyright (C) 2000-2002 Ziglio Frediano, freddy77@angelfire.com.
 Copyright (C) 2000-2002 Russell King modification for nommu, Hyok S. Choi, 2004.
 Copyright (C) 2000-2002 Paul Bristow <paul@paulbristow.net>

Copyright (C) 2000-2002 Michael Cornwell <cornwell@acm.org>
 Copyright (C) 1997-2002 Mark Lord <mlord@pobox.com>
 Copyright (C) 2000-2002 Lineo by Stuart Lynne, Tom Rushworth, and Bruce Balden
 Copyright (C) 2000-2002 Joakim Axelsson <gozem@linux.nu> Patrick Schaaf <bof@bof.de>
 Martin Josefsson <gandalf@wlug.westbo.se>
 Copyright (C) 2000-2002 Joakim Axelsson <gozem@linux.nu> Patrick Schaaf <bof@bof.de>
 Copyright (C) 2000-2002 J.I. Lee <jung-ik.lee@intel.com>
 Copyright (C) 1998-2002 Inside Out Networks, All rights reserved.
 Copyright (C) 2000-2002 Inside Out Networks
 Copyright (C) 2000-2002 Hewlett-Packard (John Marvin)
 Copyright (C) 2000-2002 ConnectTech Inc.
 Copyright (C) 2000-2002 Andi Kleen, SuSE Labs (x86-64 port)
 Copyright (C) 2000-2001,2005-2007 Toshiba Corporation
 Copyright (C) 2000-2001,2005-2006 Toshiba Corporation
 Copyright (C) 2000-2001, 2006-2008 MontaVista Software Inc. Author: MontaVista Software, Inc. <source@mvista.com>
 Copyright (C) 2000-2001, 2003-2004 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 2000-2001, 2003 Hewlett-Packard Co Stephane Eranian <eranian@hpl.hp.com>
 Copyright (C) 2000-2001 Vojtech Pavlik <vojtech@ucw.cz>
 Copyright (C) 2000-2001 Thomas Bogendoerfer <tsbogend at parisc-linux.org>
 Copyright (C) 2000-2001 Svenning Soerensen <svenning@post5.tele.dk>
 Copyright (C) 2000-2001 Richard Hirst <rhirst with parisc-linux.org>
 Copyright (C) 2000-2001 Ralph Metzler <ralph@convergence.de> Marcus Metzler <marcus@convergence.de>
 Copyright (C) 2000-2001 Qualcomm Incorporated
 Copyright (C) 2000-2001 Marek Michalkiewicz <marekm@linux.org.pl>
 Copyright (C) 2000-2001 Marcus Metzler & Ralph Metzler
 Copyright (C) 2000-2001 John Marvin <jsm at parisc-linux.org>
 Copyright (C) 2000-2001 Hugh Blemings <hugh@blemings.org>
 Copyright (C) 1998-2001 Hewlett-Packard Co Stephane Eranian <eranian@hpl.hp.com> David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 2000-2001 Gillem <htoa@gmx.net>
 Copyright (C) 2000-2001 Deep Blue Solutions
 Copyright (C) 2000-2001 ATMEL Corporation.
 Copyright (C) 2000,2012 MIPS Technologies, Inc. All rights reserved. Douglas Leung <douglas@mips.com> Steven J. Hill <sjhill@mips.com>
 Copyright (C) 2000,2012 MIPS Technologies, Inc. All rights reserved. Carsten Langgaard <carstenl@mips.com> Steven J. Hill <sjhill@mips.com>
 Copyright (C) 2000,2005 by Harald Welte <laforge@netfilter.org>
 Copyright (C) 2000,2004 Grant Grundler .
 Copyright (C) 2000,2003 Grant Grundler (grundler at parisc-linux.org)
 , 2001-2005 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 2000,2002 Stephen Rothwell
 Copyright (C) 2000,2002 Ghozlane Toumi <gtoumi@laposte.net>
 Copyright (C) 2000,2001,2002,2004 Dell Inc.
 Copyright (C) 2000,2001,2002,2003,2004,2005 Broadcom Corporation. All rights reserved.
 Copyright (C) 2000,2001,2002,2003,2004 Omnikey AG
 Copyright (C) 2000,2001,2002,2003,2004 Broadcom Corporation
 Copyright (C) 2000,2001,2002,2003 Broadcom Corporation. All rights reserved.
 Copyright (C) 2000,2001,2002 Stephen Rothwell
 Copyright (C) 2000,2001,2002 Free Software Foundation, Inc.
 Copyright (C) 2000,2001,2002 Andi Kleen, SuSE Labs (x86-64 port)
 Copyright (C) 2000,2001 The Linux Kernel Team
 Copyright (C) 2000,2001 Philipp Rumpf <prumpf@mandrakesoft.com>

Copyright (C) 2000,2001 MontaVista Software Inc. Author: MontaVista Software, Inc.
 ppopov@mvista.com or source@mvista.com
 Copyright (C) 2000,2001 Jeff Garzik <jgarzik@pobox.com>
 Copyright (C) 2000,2001 J.I. Lee <jung-ik.lee@intel.com>
 Copyright (C) 2000,2001 Cirrus Logic Corp.
 Copyright (C) 1999-2000 , Lineo.
 Copyright (C) 2000, Lineo, Yaroslav Vinogradov yaroslav.vinogradov@freescale.com
 Copyright (C) 2000, David Gibson, Linuxcare Australia.
 Copyright (C) 2000, 2009 IBM Corp. Author(s): Utz Bacher <utz.bacher@de.ibm.com> Cornelia
 Huck <cornelia.huck@de.ibm.com> Jan Glauber <jang@linux.vnet.ibm.com>
 Copyright (C) 2000, 2008 IBM Corp. Author(s): Utz Bacher <utz.bacher@de.ibm.com> Jan
 Glauber <jang@linux.vnet.ibm.com>
 Copyright (C) 2000, 2004, 2005 MIPS Technologies, Inc. All rights reserved. Authors: Carsten
 Langgaard <carstenl@mips.com> Maciej W. Rozycki <macro@mips.com>
 Copyright (C) 2000, 2004 Intel Corp Rohit Seth <rohit.seth@intel.com> Suresh Siddha
 <suresh.b.siddha@intel.com> Gordon Jin <gordon.jin@intel.com>
 Copyright (C) 2000, 2003 Brent Baccala <baccala@freesoft.org>
 Copyright (C) 2000, 2002-2003 Intel Co Asit Mallick <asit.k.mallick@intel.com> Suresh Siddha
 <suresh.b.siddha@intel.com> Kenneth Chen <kenneth.w.chen@intel.com> Fenghua Yu
 <fenghua.yu@intel.com>
 , 2001-2004 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 2000, 2002, 2003, 2005 Maciej W. Rozycki
 Copyright (C) 2000, 2002, 2003 Maciej W. Rozycki
 Copyright (C) 2000, 2001-2003 Jeff Dike (jdike@karaya.com)
 Copyright (C) 2000, 2001, 2012 MIPS Technologies, Inc. All rights reserved.
 Copyright (C) 2000, 2001-2010 Axis Communications AB
 Copyright (C) 2000, 2001, 2004 MIPS Technologies, Inc.
 Copyright (C) 2000, 2001, 2002, 2007 Maciej W. Rozycki
 Copyright (C) 2000, 2001, 2002, 2003, 2005 Maciej W. Rozycki
 Copyright (C) 2000, 2001, 2002, 2003, 2004, 2005, 2007 Maciej W. Rozycki
 Copyright (C) 2000, 2001, 2002, 2003 David S. Miller (davem@redhat.com)
 Copyright (C) 2000, 2001, 2002, 2003 Broadcom Corporation. All rights reserved.
 Copyright (C) 2000, 2001, 2002, 2003 Broadcom Corporation
 Copyright (C) 2000, 2001, 2002 by Ralf Baechle
 Copyright (C) 2000, 2001, 2002 Ralf Baechle
 Copyright (C) 2000, 2001, 2002 Ingo Molnar Designed by David S. Miller, Alexey Kuznetsov
 and Ingo Molnar
 Copyright (C) 2000, 2001, 2002 David A. Schleef <ds@schleef.org>
 Copyright (C) 2000, 2001, 2002 Andi Kleen, SuSE Labs
 Copyright (C) 2000, 2001, 2002 Andi Kleen SuSE Labs
 Copyright (C) 2000, 2001, 06 Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 2000, 2001, 04 Keith M Wesolowski
 Copyright (C) 2000, 2001 by Nicolas Pitre
 Copyright (C) 2000, 2001 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
 Copyright (C) 2000, 2001 Ralf Baechle <ralf@gnu.org>
 Copyright (C) 2000, 2001 Paolo Alberelli
 Copyright (C) 2000, 2001 Lineo, by David McCullough <davidm@lineo.com>
 Copyright (C) 2000, 2001 Kanoj Sarcar
 Copyright (C) 2000, 2001 Gary Brubaker (xavyer@ix.netcom.com)
 Copyright (C) 2000, 2001 Blue Mug, Inc. All Rights Reserved.
 Copyright (C) 2000, 1 Tim Waugh <twauth@redhat.com>
 Copyright (C) 2000, 07 MIPS Technologies, Inc.
 Copyright (C) 2000, 05 by Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 2000 kernel concepts <nils@kernelconcepts.de>, All Rights Reserved.
 Copyright (C) 2000 by Tim Waugh.

Copyright (C) 2000 by Matthew G. Marsh <mgm@paktronix.com>
 Copyright (C) 2000 by Hypercope GmbH
 Copyright (C) 2000-2000 by Hans Reiser.
 Copyright (C) 2000 by Colin Ngam
 Copyright (C) 1996-2000 by Carsten Paeth <calle@calle.de>
 Copyright (C) 2000 by Bart Hartgers <bart@etpmod.phys.tue.nl>, Jaroslav Kysela
 <perex@perex.cz>
 Copyright (C) 2000 Yggdrasil Computing, Inc.
 Copyright (C) 2000 YAEGASHI Takeshi Hitachi.
 Copyright (C) 2000 Wolfgang Grandegger (wolfgang@ces.ch)
 Copyright (C) 2000 William Greathouse (wgreathouse@smva.com)
 Copyright (C) 2000 Vinh Truong (vinh.truong@eng.sun.com) .
 Copyright (C) 2000 Vinh Truong (vinh.truong@eng.sun.com)
 Copyright (C) 2000 VA Linux Systems, Inc., Sunnyvale, California. All rights reserved.
 Copyright (C) 2000 VA Linux Systems, Inc., Sunnyvale, California. All Rights Reserved.
 Copyright (C) 2000 VA Linux Systems, Inc., Fremont, California. All Rights Reserved.
 Copyright (C) 2000 VA Linux Co
 Copyright (C) 1998-2000 Ulf Carlsson
 Copyright (C) 2000 Tilmann Bitterberg tilmann@bitterberg.de)
 Copyright (C) 1999-2000 The Puffin Group Inc.
 Copyright (C) 2000 Takaya Kinjo <t-kinjo@tc4.so-net.ne.jp>
 Copyright (C) 2000 Takashi iwai <tiwai@suse.de>
 Copyright (C) 2000 Sugioka Toshinobu
 Copyright (C) 2000 SuSE
 Copyright (C) 2000 Steven J. Hill (sjhill@realitydiluted.com) 2002-2006 Thomas Gleixner
 (tglx@linutronix.de)
 Copyright (C) 2000 Steve Hill (sjhill@cotw.com) Rob Scott (rscott@mtrob.fdns.net)
 Copyright (C) 1999-2000 Stephane Eranian <eranian@hpl.hp.com>
 Copyright (C) 2000 Silicon Graphics, Inc. Written by Ulf Carlsson (ulfc@engr.sgi.com)
 Copyright (C) 2000 Serguei Miridonov <mirsev@cicese.mx>
 Copyright (C) 2000 RidgeRun, Inc. Author: RidgeRun, Inc. glonnon@ridgerun.com,
 skranz@ridgerun.com, stevej@ridgerun.com
 Copyright (C) 2000 Qlogic Corporation (www.qlogic.com)
 Copyright (C) 1999-2000 Philipp Rumpf (prumpf@tux.org)
 Copyright (C) 2000 Philipp Rumpf <prumpf with tux.org>
 Copyright (C) 2000-2000 Philipp Rumpf
 Copyright (C) 2000 Philip Edelbrock <phil@stimpynet.roedge.com>
 Copyright (C) 2000 Peter Berger (pberger@brimson.com)
 Copyright (C) 2000 Pavel Machek <pavel@suse.cz>
 Copyright (C) 2000 Oliver Neukum <Oliver.Neukum@lrz.uni-muenchen.de>
 Copyright (C) 2000 Oleg Drokin <green@crimea.edu> Based on SoftDog driver by Alan Cox
 <alan@lxorguk.ukuu.org.uk>
 Copyright (C) 2000 Oleg Drokin <green@crimea.edu>
 Copyright (C) 2000-2000 Netgem S.A.
 Copyright (C) 2000 Michael Ang <mang with subcarrier.org>
 Copyright (C) 2000 Martin K. Petersen <mkp@linuxcare.com>
 Copyright (C) 2000 Martin K Petersen <mkp at mkp.net>
 Copyright (C) 2000 Markus Kempf <kempf@matsci.uni-sb.de>
 Copyright (C) 2000 Marcus Metzler <marcus@convergence.de> Ralph Metzler
 <ralph@convergence.de> for convergence integrated media GmbH
 Copyright (C) 2000 Marcus Metzler <marcus@convergence.de> Ralph Metzler
 <ralph@convergence.de> Holger Waechtler <holger@convergence.de> Andre Draszik
 <ad@convergence.de>
 Copyright (C) 2000 Marcus Metzler <marcus@convergence.de> Ralph Metzler
 <ralph@convergence.de>

Copyright (C) 2000 Manfred Spraul further cleanups power management.
 Copyright (C) 2000 MIPS Technologies, Inc. written by Carsten Langgaard, carstenl@mips.com
 Copyright (C) 1999-2000 MIPS Technologies, Inc. All rights reserved. Author: Carsten
 Langgaard, carstenl@mips.com
 Copyright (C) 2000 Linuxcare, Inc.
 Copyright (C) 2000 Linuxcare Canada, Inc.
 Copyright (C) 2000 Linuxcare Canada, Alex deVries
 Copyright (C) 2000 Linus Torvalds. 2000 Transmeta Corp. 2000-2001 Christoph Rohland 2000-
 2001 SAP AG 2002 Red Hat Inc.
 Copyright (C) 2000 Linus Torvalds. 2000 Transmeta Corp.
 Copyright (C) 2000 Linus Torvalds and Transmeta Corp.
 Copyright (C) 2000 Lineo, Inc. (www.lineo.com)
 Copyright (C) 2000 Lineo, Inc.
 Copyright (C) 2000 Lineo Inc.
 Copyright (C) 2000 LASAT Networks A/S.
 Copyright (C) 2000 Kazumoto Kojima
 Copyright (C) 2000 Karsten Keil <kkeil@suse.de>
 Copyright (C) 2000 John G Dorsey.
 Copyright (C) 2000 John Fremlin <vii@penguinpowered.com>
 Copyright (C) 2000 John Ankcorn <jca@lcs.mit.edu>
 Copyright (C) 2000 Jim Pick <jim@jimpick.com>
 Copyright (C) 2000 James Simmons (jsimmons@linux-fbdev.org)
 Copyright (C) 2000 Jakob Oestergaard <jakob@ostenfeld.dk>
 Copyright (C) 1997-2002 Inside Out Networks, Inc.
 Copyright (C) 2000 IBM Corporation Author(s): DJ Barrow
 (djbarrow@de.ibm.com, barrow_dj@yahoo.com) William Stearns <wstearns@pobox.com>
 Copyright (C) 2000 IBM Corp. by Fritz Elfert (felfert@millenium.com)
 Copyright (C) 2000 Hewlett-Packard Co, Linuxcare Inc.
 Copyright (C) 2000 Hewlett Packard (Paul Bame bame@puffin.external.hp.com)
 Copyright (C) 2000 Hewlett Packard (Grant Grundler)
 Copyright (C) 2000 Hermann Jung <hej@odn.de>
 Copyright (C) 2000 Helge Deller <hdeller@redhat.com>
 Copyright (C) 1998-2000 Harald Koerfgen
 Copyright (C) 2000-2000 Greg Banks, Mitch Davis
 Copyright (C) 2000 Grant Grundler <grundler@puffin.external.hp.com>
 Copyright (C) 2000 Grant Grundler <grundler at parisc-linux.org>
 Copyright (C) 1999-2000 Goutham Rao <goutham.rao@intel.com>
 Copyright (C) 2000 Gerhard Tonn (ton@de.ibm.com)
 Copyright (C) 2000 Geert Uytterhoeven <geert@linux-m68k.org> Sony Software Development
 Center Europe (SDCE), Brussels
 Copyright (C) 1998-2000 Franz Sirl.
 Copyright (C) 2000 Eric Youngdale,
 Copyright (C) 2000 Eicon Networks
 Copyright (C) 2000 Edward Betts <edward@debian.org>
 Copyright (C) 2000 Don Dugger <n0ano@valinux.com>
 Copyright (C) 1998-2001 David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 2000 David L. Brown, Jr. (usb-storage@davidb.org)
 Copyright (C) 2000 David Kennedy <dkennedy with linuxcare.com>
 Copyright (C) 1999-2000 David Huggins-Daines <dhd@debian.org>
 Copyright (C) 2000 David Huggins-Daines <dhd with pobox.org>
 Copyright (C) 2000 David Howells
 Copyright (C) 2000 David Gibson, Linuxcare Australia.
 Copyright (C) 2000 Damjan Lampret
 Copyright (C) 2000 Crutcher Dunnavant <crutcher+kernel@datastacks.com>
 Copyright (C) 2000 Crossnet Co. <info@crossnet.co.jp>

Copyright (C) 2000 Compaq Computer Corporation. (Author: Jamey Hicks)
 Copyright (C) 2000 Chris R. Baugher <baugher@enteract.com>
 Copyright (C) 2000 Chen-Yuan Wu <gwu@esoft.com>
 Copyright (C) 2000 Cesar Miquel (miquel@df.uba.ar)
 Copyright (C) 2000 Brian Warner <warner@lothar.com>
 Copyright (C) 1999-2000 Asit Mallick <Asit.K.Mallick@intel.com>
 Copyright (C) 2000 Anton Blanchard (anton@linuxcare.com.au)
 Copyright (C) 2000 Anton Blanchard (anton@linuxcare.com)
 Copyright (C) 2000 Ani Joshi <ajoshi@unixbox.com>
 Copyright (C) 2000 Andrey Panin <pazke@donpac.ru>
 Copyright (C) 2000 Andrew Tridgell <tridge@valinux.com>
 Copyright (C) 2000 Andrew Tridgell <tridge@samba.org>
 Copyright (C) 2000 Andrew Henroid
 Copyright (C) 2000 Andre Hedrick <andre@suse.com>
 Copyright (C) 2000 Alex deVries <alex@onefishtwo.ca>
 Copyright (C) 2000 Aleph One Ltd (Tak-Shing Chan)
 Copyright (C) 2000 Alan Modra <amodra at parisc-linux.org>
 Copyright (C) 2000 Al Borchers (borchers@steinerpoint.com)
 Copyright (C) 2000 Abramo Bagnara <abramo@alsa-project.org>
 Copyright (C) 2000 ATI Technologies Inc., Markham, Ontario, and VA Linux Systems Inc., Fremont, California.
 Copyright (C) 2000 ARM Limited, Deep Blue Solutions Ltd.
 Copyright (C) 2000 AG Electronics.
 Copyright (C) 2000 2001, The Delft University of Technology
 Copyright (C) 2000-2015 , Intel Corp. All rights reserved.
 Copyright (C) 1999-2009 Stuart Menefy
 Copyright (C) 2000 - 2007 Jeff Dike (jdike{addtoit,linux.intel}.com)
 Copyright (C) 1990-2001 by Silicon Graphics, Inc.
 Copyright (C) 2000 - 2001 by Kanoj Sarcar (kanoj@sgi.com)
 Copyright (C) 2000-2001 YAEHASHI Takeshi
 Copyright (C) 2000 - 2001 Kanoj Sarcar (kanoj@sgi.com)
 Copyright (C) 1999/2000 Henning Zabel <henning@uni-paderborn.de>
 Copyright (C) 1999-2012 the contributors
 Copyright (C) 1999-2010 David Woodhouse <dwmw2@infradead.org> et al.
 Copyright (C) 1999-2010 3ware Inc.
 Copyright (C) 1999-2007 by Helge Deller <deller@gmx.de>
 Copyright (C) 1999-2007 Greg Ungerer (gerg@snapgear.com)
 Copyright (C) 1999-2007 Axis Communications AB, LUND, SWEDEN
 Copyright (C) 1999-2006 Tigran Aivazian <tigran@aivazian.fsnet.co.uk>
 Copyright (C) 1999-2006 Moxa Technologies.
 Copyright (C) 1999-2005 James Simmons
 Copyright (C) 1999-2005 Igor Pavlov
 Copyright (C) 1999-2005 Hewlett Packard Co Stephane Eranian <eranian@hpl.hp.com> David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1994-2005 Axis Communications. All rights reserved.
 Copyright (C) 1999-2005 - Karim Yaghmour (karim@opersys.com)
 Copyright (C) 1999-2004, Renesas Technology Corp. Hirokazu Takata
 Copyright (C) 1999-2004 Nemosoft Unv.
 Copyright (C) 1998-2004 Ben Fennema
 Copyright (C) 1999-2004 3Com Corporation. All Rights Reserved.
 Copyright (C) 1999-2003, Brad Douglas <brad@neruo.com>
 Copyright (C) 1999-2003 by Mitchell Blank Jr <mitch@sfgoth.com>
 Copyright (C) 1999-2003 Ralph Metzler & Marcus Metzler for convergence integrated media GmbH
 Copyright (C) 1999-2003 Ralph Metzler & Marcus Metzler

Copyright (C) 1999-2003 Keyspan, A division of InnoSys Incorporated.
 Copyright (C) 1999-2003 Holger Waechtler <holger@convergence.de>
 Copyright (C) 1999-2002, 2004 Hewlett-Packard Co Stephane Eranian <eranian@hpl.hp.com>
 David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1998-2002 by Massimo Piccioni <dafastidio@libero.it>
 Copyright (C) 1996-2002 Vojtech Pavlik
 Copyright (C) 1999-2002 Ralph Metzler Marcus Metzler.
 Copyright (C) 1999-2002 Ralph Metzler Marcus Metzler for convergence integrated media GmbH
 Copyright (C) 1999-2002 Matthew Dharm (mdharm-usb@one-eyed-alien.net)
 Copyright (C) 1999-2002 Johannes Erdfelt, johannes@erdfelt.com
 Copyright (C) 1999-2002 Andre Hedrick <andre@linux-ide.org> .
 Copyright (C) 1998-2003 , 2005 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1996-2001 Vojtech Pavlik <vojtech@ucw.cz>
 Copyright (C) 1999-2001 Torben Mathiasen <tmm@image.dk, torben.mathiasen@compaq.com>
 Copyright (C) 1999-2001 Torben Mathiasen
 Copyright (C) 1999-2001 Ralph Metzler Marcus Metzler Holger Waechtler for convergence integrated media GmbH
 Copyright (C) 1999-2001 Quicknet Technologies, Inc.
 Copyright (C) 1999-2001 Paul 'Rusty' Russell
 Copyright (C) 1999-2001 Nicolas Pitre
 Copyright (C) 1999-2001 Naval Research Laboratory
 Copyright (C) 1999-2001 Michal Ludvig <michal@logix.cz>
 Copyright (C) 1999-2001 Marcus Niemann maniemann@users.sourceforge.net>. All Rights Reserved.
 Copyright (C) 1999-2001 Marc Boucher <marc@mbsi.ca>
 Copyright (C) 1999-2001 Klaus Lichtenwalder <Lichtenwalder@ACM.org>. All Rights Reserved.
 Copyright (C) 1999-2001 Keyspan, A division of InnoSys Incorporated ("Keyspan")
 Copyright (C) 1999-2001 Johannes Erdfelt
 Copyright (C) 1999-2001 Jeff Garzik <jgarzik@pobox.com>
 Copyright (C) 1999-2001 James Morris <jmorros@intercode.com.au>
 Copyright (C) 1998-2001 Gerd Knorr <kraxel@goldbach.in-berlin.de>
 Copyright (C) 1998-2001 Gerard Roudier <groudier@free.fr>
 Copyright (C) 1999-2001 Cisco, Motorola
 Copyright (C) 1999-2000, Moreton Bay.
 Copyright (C) 1999-2000, 2002 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com> Stephane Eranian <eranian@hpl.hp.com>
 Copyright (C) 1999-2000 by Mitchell Blank Jr.
 Copyright (C) 1999-2000 Yon Uriarte <yon@astaro.de>
 Copyright (C) 1999-2000 Walt Drummond <drummond@valinux.com>
 Copyright (C) 1999-2000 VA Linux Systems
 Copyright (C) 1996-2000 Thomas Sailer (sailer@ife.ee.ethz.ch)
 Copyright (C) 1999-2000 Stelias Computing Inc
 Copyright (C) 1999-2000 Pete Zaitcev
 Copyright (C) 1999-2000 Moxa Technologies (support@moxa.com).
 Copyright (C) 1999-2000 Maxim Krasnyansky <max_mk@yahoo.com>
 Copyright (C) 1999-2000 Kurt Garloff
 Copyright (C) 1999-2003 Jeremy Fitzhardinge <jeremy@goop.org>
 Copyright (C) 1998-2001 Hewlett-Packard Co
 Copyright (C) 1999-2000 Grant Erickson <grant@lcse.umn.edu>
 Copyright (C) 1999-2000 CJ, cjtsai@ali.com.tw, Maintainer
 Copyright (C) 1999--2000 Martin Mares <mj@ucw.cz>
 Copyright (C) 1999--2000 Martin Mares <mj@suse.cz>

Copyright (C) 1999--2000 Geert Uytterhoeven
Copyright (C) 1999,2003 Matthew Wilcox <willy at debian . org >
Copyright (C) 1999,2002,2003 David A. Schleef <ds@schleef.org>
Copyright (C) 1999,2001- 2004-2008 Silicon Graphics, Inc. All Rights Reserved.
Copyright (C) 1999,2001-2003 Silicon Graphics, Inc. All Rights Reserved.
Copyright (C) 1999-2001 Richard Zidlicky
Copyright (C) 1999,2000,2012 MIPS Technologies, Inc. All rights reserved. Authors: Carsten Langgaard <carstenl@mips.com> Steven J. Hill <sjhill@mips.com>
Copyright (C) 1999,2000,2004,2005,2012 MIPS Technologies, Inc. All rights reserved. Authors: Carsten Langgaard <carstenl@mips.com> Maciej W. Rozycki <macro@mips.com> Steven J. Hill <sjhill@mips.com>
Copyright (C) 1999,2000,2001 by Michael Engel <engel@unix-ag.org> and Karsten Merker <merker@linuxtag.org>.
Copyright (C) 1999,2000 Walt Drummond <drummond@valinux.com>
Copyright (C) 1999-2000 Tigran Aivazian <tigran@veritas.com>
Copyright (C) 1999,2000 Nortel Networks.
Copyright (C) 1999,2000 Martin Lucina, Tom Zerucha
Copyright (C) 1999,2000 Gerd Knorr <kraxel@goldbach.in-berlin.de>
Copyright (C) 1999,2000 Arm Limited
Copyright (C) 1999,2000 Anton Blanchard (anton@samba.org)
Copyright (C) 1999, Trond Myklebust <trond.myklebust@fys.uio.no>
Copyright (C) 1999, Thomas Davis, tadavis@lbl.gov
Copyright (C) 1999, Rt-Control, Inc.
Copyright (C) 1999, Rob Scott (rscott@mtrob.ml.org)
Copyright (C) 1999, Moreton Bay Ventures Pty Ltd.
Copyright (C) 1999, Anthony Tong <atong@uiuc.edu>
Copyright (C) 1999, 2013 IBM Corp. Author(s): Ingo Adlung (adlung@de.ibm.com) Cornelia Huck (cornelia.huck@de.ibm.com) Arnd Bergmann (arndb@de.ibm.com)
Copyright (C) 1999, 2007 2012 David S. Miller (davem@davemloft.net)
Copyright (C) 1999, 2006 Ralf Baechle (ralf@linux-mips)
Copyright (C) 1999, 2005, 2010 Thomas Sailer
, 1999-2008 Silicon Graphics, Inc.
Copyright (C) 1999-2004 Manfred Spraul
, 2001-2004 Hewlett-Packard Co Stephane Eranian <eranian@hpl.hp.com>
Copyright (C) 1999-2002 -2003 Hewlett-Packard Co. David Mosberger-Tang <davidm@hpl.hp.com> Stephane Eranian <eranian@hpl.hp.com>
Copyright (C) 1999, 2002-2003 Asit Mallick <Asit.K.Mallick@intel.com> Don Dugger <Don.Dugger@intel.com> Suresh Siddha <suresh.b.siddha@intel.com> Fenghua Yu <fenghua.yu@intel.com>
Copyright (C) 1999, 2001-2003 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com> Stephane Eranian <eranian@hpl.hp.com>
Copyright (C) 1999, 2001, 2003 David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 1997-2002 Ralf Baechle (ralf@gnu.org)
Copyright (C) 1999-2001 Philip Blundell
Copyright (C) 1999, 2001 Hewlett-Packard Co Stephane Eranian <eranian@hpl.hp.com> David Mosberger <davidm@hpl.hp.com>
Copyright (C) 1995-2006 Alan Cox
Copyright (C) 1999, 2000, 2004, 2005 MIPS Technologies, Inc. All rights reserved. Authors: Carsten Langgaard <carstenl@mips.com> Maciej W. Rozycki <macro@mips.com>
Copyright (C) 1999, 2000, 2004 MIPS Technologies, Inc. All rights reserved. Authors: Carsten Langgaard <carstenl@mips.com> Maciej W. Rozycki <macro@mips.com>
Copyright (C) 1999, 2000, 2004 David S. Miller (davem@redhat.com)
Copyright (C) 1999, 2000, 2003 Ralf Baechle
Copyright (C) 1999, 2000, 2002 Niibe Yutaka
Copyright (C) 1999, 2000, 2001, 2002 - Karim Yaghmour (karim@opersys.com)

Copyright (C) 1999, 2000, 2001 by Ralf Baechle
 Copyright (C) 1999, 2000, 2001 by Michael Engel <engel@unix-ag.org>, Karsten Merker
 <merker@linuxtag.org> and Harald Koerfgen.
 Copyright (C) 1999, 2000, 2001 by Michael Engel <engel@unix-ag.org>, Karsten Merker
 <merker@debian.org> and Harald Koerfgen <hkoerfg@web.de>.
 Copyright (C) 1999, 2000, 2001 Silicon Graphics, Inc.
 Copyright (C) 1999, 2000, 2001 Ingo Molnar, Red Hat
 Copyright (C) 1999, 2000, 2001 Axis Communications AB, LUND, SWEDEN
 Copyright (C) 1999, 2000, 2001 Axis Communications AB
 Copyright (C) 1999-2003 , 06 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 1999, 2000, 01, 2002 Silicon Graphics, Inc.
 Copyright (C) 1999, 2000, 01, 03, 06 Ralf Baechle
 Copyright (C) 1999, 2000, 01, 02, 03 by Ralf Baechle
 Copyright (C) 1999, 2000 by Silicon Graphics
 Copyright (C) 1999, 2000 Tim Waugh <tim@cyberelk.demon.co.uk>
 Copyright (C) 1999-2000 Silicon Graphics, Inc. Kevin D. Kissell, kevink@mips.com and Carsten
 Langgaard, carstenl@mips.com
 Copyright (C) 1999-2000 Red Hat Software
 Copyright (C) 1999-2000 Precision Insight, Inc., Cedar Park, Texas.
 Copyright (C) 1999-2000 Philipp Rumpf <prumpf@tux.org>
 Copyright (C) 1999, 2000 Matthew Dharm (mdharm-usb@one-eyed-alien.net)
 Copyright (C) 1999-2000 Kaz Kojima & Niibe Yutaka
 Copyright (C) 1999, 2000 Jeff Wiedemeier
 Copyright (C) 1996-2000 Jakub Jelinek (jakub@redhat.com)
 Copyright (C) 1999, 2000 Ingo Molnar, Red Hat
 Copyright (C) 1999, 2000 Ingo Molnar
 Copyright (C) 1999, 2000 IBM Corp. Author(s): Denis Joseph Barrow
 (djbarrow@de.ibm.com, barrow_dj@yahoo.com)
 Copyright (C) 1999, 2000 David Nelson.
 Copyright (C) 1999, 2000 Bruce Tenison
 Copyright (C) 1999, 2000 Brian Warner <warner@lothar.com>
 Copyright (C) 1999 by Werner Cornelius (werner@titro.de)
 Copyright (C) 1999 by Werner Cornelius (werner@isdn4linux.de)
 Copyright (C) 1999 by Werner Cornelius (werner@isdn-development.de)
 Copyright (C) 1999 by Ralf Spachmann (mel@melware.de)
 Copyright (C) 1999 by Michael Engel <engel@unix-ag.org> and Karsten Merker
 <merker@guug.de>
 Copyright (C) 1999 by M. Steinkopf
 Copyright (C) 1999 by Kaz Kojima & Niibe Yutaka
 Copyright (C) 1999 by Kaz Kojima
 Copyright (C) 1999 by Joshua M. Thompson (funaho@jurai.org)
 Copyright (C) 1998-1999 by Harald Koerfgen
 Copyright (C) 1999 by Cytronics & Melware
 Copyright (C) 1997-1999 by Carsten Paeth (calle@calle.in-berlin.de)
 Copyright (C) 1999 by Alex deVries <alex@onefishtwo.ca>
 Copyright (C) 1999 Zach Brown.
 Copyright (C) 1999 Xi Graphics, Inc.
 Copyright (C) 1999 Wolfgang Scherr <scherr@net4you.net>
 Copyright (C) 1999 Vojtech Pavlik <vojtech@suse.cz>
 Copyright (C) 1999 Vladimir Gurevich <vgurevic@cisco.com> Bear & Hare Software, Inc.
 Copyright (C) 1999 Vladimir Gurevich <vgurevic@cisco.com> Bare & Hare Software, Inc.
 Copyright (C) 1999 Vladimir Gurevich <vgurevic@cisco.com>
 Copyright (C) 1999 Vijay Chander <vijay@engr.sgi.com>
 Copyright (C) 1999 Thomas Sailer, sailer@ife.ee.ethz.ch
 Copyright (C) 1999 Tetsuya Okada & Niibe Yutaka

Copyright (C) 1999 SuSE GmbH Nuernberg
 Copyright (C) 1999 SuSE GmbH (Philipp Rumpf, prumpf@tux.org)
 Copyright (C) 1999 SuSE GmbH (Philipp Rumpf)
 Copyright (C) 1999 SuSE GmbH
 Copyright (C) 1999 Steve Ratcliffe <steve@parabola.demon.co.uk>
 Copyright (C) 1999 Steve Ratcliffe
 Copyright (C) 1999 Srinivasa Prasad Thirumalachar <sprasad@sprasad.engr.sgi.com>
 Copyright (C) 1999 Silicon Integrated Systems, Inc.
 Copyright (C) 1999 Silicon Integrated System Corporation.
 Copyright (C) 1999 Silicon Graphics, Inc. - Jeffrey Newquist
 Copyright (C) 1999 Silicon Graphics Kevin D. Kissell, kevink@mips.org and Carsten Langgaard, carstenl@mips.com
 Copyright (C) 1999 Ryan Drake <stileto@mediaone.net>
 Copyright (C) 1999 Roman Weissgaerber, weissg@vienna.at
 Copyright (C) 1999 Roman Weissgaerber <weissg@vienna.at>
 Copyright (C) 1999 Roman Weissgaerber
 Copyright (C) 1999 Richard Hirst <richard@sleepie.demon.co.uk>
 Copyright (C) 1999 Rainer Johanni <Rainer@Johanni.de>
 Copyright (C) 1999 RG Studio s.c. Written by Krzysztof Halasa <khc@rgstudio.com.pl>
 Copyright (C) 1999 R. Offermanns (rolf@offermanns.de)
 Copyright (C) 1999-1999 Promise Technology, Inc. Author: Frank Tiernan (frankt@promise.com).
 Copyright (C) 1999 Precision Insight, Inc.
 Copyright (C) 1999 Petr Vandrovec Modified 2000 Ben Harris, University of Cambridge.
 Copyright (C) 1999 Pavel Semerad.
 Copyright (C) 1999 Paul 'Rusty' Russell & Michael J. Neuling
 Copyright (C) 1999 Oystein Svendsen <svendsen@pvv.org>
 Copyright (C) 1999 Niibe Yutaka & Takeshi Yaegashi
 Copyright (C) 1999 Nathan Laredo <laredo@gnu.org>
 Copyright (C) 1999 Mike Bernson <mike@mlb.org>
 Copyright (C) 1999 Mihai Spatar
 Copyright (C) 1999 Michael Klar
 Copyright (C) 1999 Michael Gee (michael@linuxspecific.com)
 Copyright (C) 1999 Matthew Wilcox <willy@bofh.ai>
 Copyright (C) 1999 Matrox Graphics Inc. All Rights Reserved.
 Copyright (C) 1999 Makoto Kato (m_kato@ga2.so-net.ne.jp)
 Copyright (C) 1999 Machine Vision Holdings, Inc.
 Copyright (C) 1999 Jérôme de Vivie <devivie@info.enserb.u-bordeaux.fr>
 Copyright (C) 1999 Juergen Peitz
 Copyright (C) 1999 John G. Dorsey. All Rights Reserved.
 Copyright (C) 1999 John G. Dorsey.
 Copyright (C) 1999-1999 Jeff Hartmann.
 Copyright (C) 1999 Ingo Molnar 1999 Kanoj Sarcar, SGI 2008 Johannes Weiner
 Copyright (C) 1999 Iain Grant
 Copyright (C) 1999 IBM Deutschland Entwicklung GmbH, IBM Corporation Author(s): Denis Joseph Barrow (djbarrow@de.ibm.com, barrow_dj@yahoo.com),
 Copyright (C) 1999 IBM Corp. Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com), Christian Borntraeger (cborntra@de.ibm.com),
 Copyright (C) 1999 IBM Corp. Author(s): Martin Schwidefsky <schwidefsky@de.ibm.com>
 Martin Peschke <peschke@fh-brandenburg.de>
 Copyright (C) 1999 Hewlett-Packard (Frank Rowand)
 Copyright (C) 1999 Hervé Eychenne <eychenne@info.enserb.u-bordeaux.fr>
 Copyright (C) 1999 Hans Reiser
 Copyright (C) 1999 Gregory P. Smith
 Copyright (C) 1999 Gregory P. Smith (from usb-ohci.c)

Copyright (C) 1999-1999 Gregory P. Smith
 Copyright (C) 1999 Grant Grundler for Hewlett-Packard
 Copyright (C) 1999 Gerhard Wichert, Siemens AG Gerhard.Wichert@pdb.siemens.de
 Copyright (C) 1999 Georg Acher, acher@in.tum.de
 Copyright (C) 1999 G. Allen Morris III <gam3@acm.org>.
 Copyright (C) 1992-1999 Eric Youngdale
 Copyright (C) 1999-1999 Eric A. Thomas.
 Copyright (C) 1999 Eddie C. Dost (ecd@atecom.com)
 Copyright (C) 1999 Dr. Henrik Seidel <Henrik.Seidel@gmx.de>
 Copyright (C) 1999 Don Dugger <don.dugger@intel.com>
 Copyright (C) 1999 Don Dugger <Don.Dugger@intel.com>
 Copyright (C) 1999 Deti Fliegl, deti@fliegl.de
 Copyright (C) 1999 Deti Fliegl
 Copyright (C) 1999 Derrick J Brashear (shadow@dementia.org)
 Copyright (C) 1999 David Airlie.
 Copyright (C) 1999 David A. Hinds. All Rights Reserved.
 Copyright (C) 1999 David A. Hinds -- dahinds@users.sourceforge.net
 Copyright (C) 1999 Dan Block
 Copyright (C) 1998-1999 D. Jeff Dionne <jeff@uclinux.org>
 Copyright (C) 1999 D. Jeff Dionne <jeff@rt-control.com>
 Copyright (C) 1999 D. Jeff Dionne
 Copyright (C) 1996-1999 Cort Dougan <cort@cs.nmt.edu>
 Copyright (C) 1999 Convergence Integrated Media GmbH <ralph@convergence.de>
 Copyright (C) 1999 Colin J. Watson
 Copyright (C) 1999 Christoph Rohland
 Copyright (C) 1998-1999 Christoph Bartelmus <lirc@bartelmus.de>
 Copyright (C) 1999 Chris Kemp and Tim Watterton
 Copyright (C) 1999 Brad Boyer (flar@pants.nu)
 Copyright (C) 1999 Benjamin Reed. All Rights Reserved.
 Copyright (C) 1999 Benjamin Herrenschmidt (benh@kernel.crashing.org) and Paul Mackerras (paulus@samba.org).
 Copyright (C) 1998-1999 Ben Pfaff.
 Copyright (C) 1999 BayCom GmbH
 Copyright (C) 1999 Arun Sharma <arun.sharma@intel.com>
 Copyright (C) 1999-1999 Andrew R. Baker (andrewb@uab.edu)
 Copyright (C) 1999 Andreas Gal 1999
 Copyright (C) 1999 Andreas Gal <gal@cs.uni-magdeburg.de>
 Copyright (C) 1999 Alpha Processor, Inc., David Daniel, Stig Telfer, Soohoon Lee)
 Copyright (C) 1999 Alpha Processor, Inc.
 Copyright (C) 1999 Alex deVries for The Puffin Group
 Copyright (C) 1999 Al Smith <Al.Smith@aeschi.ch.eu.org>
 Copyright (C) 1999-2001 Kanoj Sarcar
 Copyright (C) 1999 - 2001 Greg Kroah-Hartman (greg@kroah.com) Bill Ryder (bryder@sgi.com)
 Copyright (C) 1998-1999 Mike Shaver.
 Copyright (C) 1998-1999 Martin Mares <mj@ucw.cz>
 Copyright (C) 1998-99, Frank A. Vorstenbosch
 Copyright (C) 1998-99 Kirk Reiser.
 Copyright (C) 1998-99 Frodo Looijaard <frodol@dds.nl>
 Copyright (C) 1998-9 Tim Waugh <tim@cyberelk.demon.co.uk>
 Copyright (C) 1998-9 David A. Schleef <ds@schleef.org>
 Copyright (C) 1996-2013 AudioScience Inc.
 Copyright (C) 1998-2009, 2011 Texas Instruments. All rights reserved.
 Copyright (C) 1998-2009 VIA Technologies, Inc. All Rights Reserved.
 Copyright (C) 1998-2014 Texas Instruments. All rights reserved.

Copyright (C) 1998-2006 Michael Hunold <michael@mihu.de>
Copyright (C) 1998-2004 by David Mosberger-Tang <davidm@hpl.hp.com>
Copyright (C) 1998-2004 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
Stephane Eranian <eranian@hpl.hp.com>
Copyright (C) 1998-2003 Paul Mackerras & Ben. Herrenschmidt
Copyright (C) 1998-2003 Hewlett-Packard Co Stephane Eranian <eranian@hpl.hp.com> David
Mosberger <davidm@hpl.hp.com>
Copyright (C) 1998-2002 by Jes Sorensen, <jes@wildopensource.com>.
Copyright (C) 1998-2002 by Jes Sorensen, <jes@trained-monkey.org>.
Copyright (C) 1998-2002 Linux ATA Development Andre Hedrick <andre@linux-ide.org>
Copyright (C) 1998-2001, 2003-2004 Hewlett-Packard Co David Mosberger-Tang
<davidm@hpl.hp.com> Stephane Eranian <eranian@hpl.hp.com>
Copyright (C) 1998- 2000-2003 Hewlett-Packard Co David Mosberger-Tang
<davidm@hpl.hp.com>
Copyright (C) 1995-2001 by Leonard N. Zubkoff <lnz@dandelion.com>
Copyright (C) 1998-2001 by Leonard N. Zubkoff " lnz@dandelion.com>
Copyright (C) 1998-2001 by Carsten Paeth <calle@calle.in-berlin.de>
Copyright (C) 1998-2000, 2002 Tim Waugh <tim@cyberelk.net>
Copyright (C) 1998-2000 by some Elitist
Copyright (C) 1998-2000 by Microgate Corporation
Copyright (C) 1998-2000 SysKonnnect
Copyright (C) 1998-2000 Russell King, Dave Gilbert.
Copyright (C) 1998-2005 Phil Blundell
Copyright (C) 1998-2000 Paul Ashton
Copyright (C) 1998-2000 Michel Aubry
Copyright (C) 1998-2000 Jonathan Teh.
Copyright (C) 1998-2001 Jens Axboe <axboe@suse.de>
Copyright (C) 1998-2000 InnoSys Incorporated. All Rights Reserved
Copyright (C) 1998-2000 Gerard Roudier
Copyright (C) 1998-2001 Anton Blanchard (anton@samba.org)
Copyright (C) 1998-2000 Andrzej Krzysztofowicz
Copyright (C) 1998-2000 Andreas S. Krebs (akrebs@altavista.net).
Copyright (C) 1998-2000 Andre Hedrick (andre@linux-ide.org)
Copyright (C) 1998-1999, Stephen Tweedie and Bill Hawes
Copyright (C) 1998-1999, Aage Kvalnes <aage@cs.uit.no>
Copyright (C) 1998-1999 by Rebel.com
Copyright (C) 1998-1999 by Jaroslav Kysela <perex@perex.cz>
Copyright (C) 1998-1999 TiVo, Inc.
Copyright (C) 1998-1999 Rebel.com
Copyright (C) 1998-1999 Precision Insight, Inc., Cedar Park, Texas. All Rights Reserved.
Copyright (C) 1995-2002 Pete Zaitcev (zaitcev@yahoo.com)
Copyright (C) 1998-1999 Ilario Nardinocchi (nardinoc@CS.UniBO.IT)
Copyright (C) 1998,99 Takashi Iwai <tiwai@suse.de>, Jaroslav Kysela <perex@perex.cz>
Copyright (C) 1998,99 Takashi Iwai <tiwai@suse.de>
Copyright (C) 1998,99 Takashi Iwai
Copyright (C) 1998,2001-2005 Pavel Machek <pavel@ucw.cz>
Copyright (C) 1998,2000 Rik van Riel.
Copyright (C) 1998,1999 SysKonnnect, a business unit of Schneider & Koch & Co.
Datensysteme GmbH.-anupam
Copyright (C) 1998,1999 Rebel.COM
Copyright (C) 1998-1999 Kenneth Albanowski <kjahds@kjahds.com>, The Silver Hammer
Group, Ltd.
Copyright (C) 1998,1999 D. Jeff Dionne <jeff@uclinux.org>, Kenneth Albanowski
<kjahds@kjahds.com>.

Copyright (C) 1998,1999 D. Jeff Dionne <jeff@uclinux.org> 2000 James D. Schettine {james@telos-systems.com}
 Copyright (C) 1998,1999 Christian Theiss <mistert@rz.fh-augsburg.de>
 Copyright (C) 1998, Michael Schmitz <mschmitz@lbl.gov>
 Copyright (C) 1998, 99, 2000, 01, 2002 Ralf Baechle (ralf@gnu.org)
 Copyright (C) 1998, 2003 by David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1998, 2001, 03, 07 by Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 1998, 2001, 03 by Ralf Baechle
 Copyright (C) 1998, 1999, Rik van Riel <riel@nl.linux.org>
 , 1996-2003 by Ralf Baechle
 , 1996-2003 Ralf Baechle
 Copyright (C) 1998, 1999, 2002 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1998, 1999, 2001-2002, 2004 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1998, 1999, 2001, 2003 Ralf Baechle
 Copyright (C) 1998, 1999, 2001, 2003 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1998, 1999, 2001 Philip Blundell
 Copyright (C) 1998, 1999, 2001 Hewlett-Packard Co David Mosberger-Tang <davidm@hpl.hp.com> Stephane Eranian <eranian@hpl.hp.com>
 Copyright (C) 1998, 1999, 2001 David Mosberger-Tang <davidm@hpl.hp.com>
 Copyright (C) 1998, 1999, 2000, 2001 Free Software Foundation, Inc.
 Copyright (C) 1998, 1999, 2000 Richard Henderson
 Copyright (C) 1998, 1999, 2000 Ingo Molnar <mingo@redhat.com>
 Copyright (C) 1998, 1999, 2000 Ingo Molnar
 Copyright (C) 1998, 1999, 2000 Harald Koerfgen
 Copyright (C) 1998, 1999 Russell King, Phil Blundell
 Copyright (C) 1998, 1999 Phil Blundell
 Copyright (C) 1998, 1999 Frodo Looijaard <frodol@dds.nl> and Philip Edelbrock <phil@netroedge.com>
 Copyright (C) 1998, 1999 Frodo Looijaard <frodol@dds.nl> and Kyosti Malkki <kmalkki@cc.hut.fi>
 Copyright (C) 1995-1999 Eddie C. Dost (ecd@skynet.be)
 Copyright (C) 1998, 1999 Brent Baccala (baccala@freesoft.org)
 Copyright (C) 1998, 1999 Alex Holden <alex@linuxhacker.org>
 Copyright (C) 1998 by the FundsXpress, INC.
 Copyright (C) 1998 by Werner Cornelius (werner@ikt.de)
 Copyright (C) 1997-1998 by Michael Schmitz
 Copyright (C) 1998 by Franco Venturi.
 Copyright (C) 1998 by Egbert Eich <Egbert.Eich@Physik.TU-Darmstadt.DE>
 Copyright (C) 1998 by Armin Schindler (mac@gismo.telekom.de)
 Copyright (C) 1998 Vladimir Roganov and Gleb Raiko
 Copyright (C) 1998 V. Roganov and G. Raiko
 Copyright (C) 1998 Trent Piepho.
 Copyright (C) 1998 Tom Lees <tom@lpsg.demon.co.uk>
 Copyright (C) 1998 Steffen A. Mork (linux-dev@morknet.de)
 Copyright (C) 1998 Ruurd Reitsma <R.A.Reitsma@wbmt.tudelft.nl>
 Copyright (C) 1998 Rebel.com (Woody Suwalski <woody@netwinder.org>)
 Copyright (C) 1998 Randy Gobbel.
 Copyright (C) 1998 Philip Blundell <philb@gnu.org>
 Copyright (C) 1998 Phil Blundell <philb@gnu.org>
 Copyright (C) 1998 Petr Vandrovec, vandrove@vc.cvut.cz
 Copyright (C) 1998 Peter Maydell (pmaydell@chiark.greenend.org.uk)
 Copyright (C) 1998 Pauline Middelink <middelink@polyware.nl>

Copyright (C) 1998 Paul Mackerras and Fabio Riccardi.
 Copyright (C) 1998 Olivier A. D. Lebaillif
 Copyright (C) 1998 Michael Tesch (tesch@cs.wisc.edu)
 Copyright (C) 1998 Lieven Willems (lw_linux@hotmail.com)
 Copyright (C) 1998 Kenneth Albanowski <kjahds@kjahds.com>
 Copyright (C) 1998 Jonas Munsin <jmunsin@iki.fi>
 Copyright (C) 1998 Jon Howell
 Copyright (C) 1998 James Banks
 Copyright (C) 1996-1999 Jakub Jelinek (jj@sunsite.mff.cuni.cz)
 Copyright (C) 1998 Jakub Jelinek <jj@ultra.linux.cz>
 Copyright (C) 1998 Harald Koerfgen, Frieder Streffer and Paul M. Antoine
 Copyright (C) 1998 Grant R. Guenther <grant@torque.net>
 Copyright (C) 1998 Gleb Raiko & Vladimir Roganov
 Copyright (C) 1998-1998 Gerd Knorr <kraxel@cs.tu-berlin.de>
 Copyright (C) 1998 Gabriel Paubert.
 Copyright (C) 1998 Frederic Rible (fribble@teaser.fr) .
 Copyright (C) 1998 Franco Venturi
 Copyright (C) 1998 Emagic Soft- und Hardware GmbH
 Copyright (C) 1998 Eddie C. Dost <ecd@skynet.be>
 Copyright (C) 1998 Deborah Wallach.
 Copyright (C) 1998 David Huggins-Daines.
 Copyright (C) 1998 David Campbell
 Copyright (C) 1998 David A. Schleef <ds@schleef.org> Janne Jalkanen <jalkanen@cs.hut.fi>
 Eric Bunn <ebu@cs.hut.fi>
 Copyright (C) 1998 Dave Perks <dperks@ibm.net>
 Copyright (C) 1998 Dave Boynton
 Copyright (C) 1998 Daniel Pirkel <daniel.pirkel@email.cz> Charles University, Faculty of
 Mathematics and Physics
 Copyright (C) 1998 Daniel Pirkel <daniel.pirkel@emai.cz> Charles University, Faculty of
 Mathematics and Physics.
 Copyright (C) 1998 Daniel Jacobowitz <dan@debian.org>
 Copyright (C) 1998 Dan Jacobowitz <dan@debian.org>
 Copyright (C) 1998 Dan Jacobowitz
 Copyright (C) 1998 D. Jeff Dionne <jeff@ryeham.ee.ryerson.ca>, Kenneth Albanowski
 <kjahds@kjahds.com>, The Silver Hammer Group, Ltd.
 Copyright (C) 1998 D. Jeff Dionne <jeff@lineo.ca>, Kenneth Albanowski
 <kjahds@kjahds.com>,
 Copyright (C) 1998 Christian Schmidt (chr.schmidt@tu-bs.de)
 Copyright (C) 1998 C. van Schaik <carl@leg.uct.ac.za>
 Copyright (C) 1998 Bernd Harries
 Copyright (C) 1998 Ben Pfaff <blp@gnu.org>
 Copyright (C) 1997-1998 Anton Blanchard (anton@progsoc.uts.edu.au)
 Copyright (C) 1998-1998 Andrew Veliath.
 Copyright (C) 1998 Andrew Apted <ajaped@netspace.net.au>
 Copyright (C) 1998 Andree Borrmann <a.borrmann@tu-bs.de>
 Copyright (C) 1998-1998 Andrea Arcangeli
 Copyright (C) 1995-1998 Alan Cox <alan@lxorguk.ukuu.org.uk>
 Copyright (C) 1998 Alan Cox & Andi Kleen
 Copyright (C) 1998 - 2014 Douglas Gilbert
 Copyright (C) 1998 - 2005 Echo Digital Audio Corporation. All rights reserved.
 Copyright (C) 1998 - 2003 Frodo Looijaard <frodol@dds.nl>, Philip Edelbrock
 <phil@netroedge.com>, and Mark Studebaker <mdsxyz123@yahoo.com>
 Copyright (C) 1998 - 2001 Frodo Looijaard <frodol@dds.nl>, Kyösti Mälkki <kmalkki@cc.hut.fi>,
 and Mark D. Studebaker <mdsxyz123@yahoo.com>
 Copyright (C) 1996-1997 -8 Grant R. Guenther <grant@torque.net>

Copyright (C) 1997-8 Grant Guenther <grant@torque.net>
 Copyright (C) 1997-8 David A. Schleef <ds@schleef.org>
 Copyright (C) 1997-2014 AudioScience Inc. <support@audioscience.com>
 Copyright (C) 1997-2004 Erez Zadok
 Copyright (C) 1997-2003 Sistina Software, Inc. All rights reserved.
 Copyright (C) 1997-2002 by Ron Minnich <rminnich@sarnoff.com>
 Copyright (C) 1997-2002 Russell King
 Copyright (C) 1997-2002 Russell King hacked for non-paged-MM by Hyok S. Choi, 2003.
 Copyright (C) 1993-2001 by Donald Becker.
 Copyright (C) 1996-2001 Luke Kenneth Casson Leighton
 Copyright (C) 1997-2000 by Russell King <rmk@arm.linux.org.uk>
 Copyright (C) 1997-2000 Russell King, Stefan Hanske
 Copyright (C) 1997-2000 Richard Gooch
 Copyright (C) 1997-2000 Klaus Kudiella
 Copyright (C) 1997-1999 Janos Farkas <chexum@shadow.banki.hu>
 Copyright (C) 1997-1998 by Thomas Sailer.
 Copyright (C) 1997-1998 by PowerLogix R & D, Inc.
 Copyright (C) 1997-1998 Transmeta Corporation -- All Rights Reserved
 Copyright (C) 1997-1998 DAVICOM Semiconductor, Inc. All Rights Reserved.
 Copyright (C) 1997-1998 Caldera, Inc.
 Copyright (C) 1997--1999 Martin Mares <mj@ucw.cz>
 Copyright (C) 1997,1999,2000 Jakub Jelinek (jakub@redhat.com)
 Copyright (C) 1996-1998 -1999 Jakub Jelinek (jj@ultra.linux.cz)
 Copyright (C) 1997,1998,1999 Free Software Foundation, Inc. Richard Henderson
 (rth@cygnus.com), Jakub Jelinek (jakub@redhat.com) and David S. Miller
 (davem@redhat.com).
 Copyright (C) 1997,1998,1999 Free Software Foundation, Inc. Contributed by Richard
 Henderson (rth@cygnus.com), Jakub Jelinek (jj@ultra.linux.cz), David S. Miller
 (davem@redhat.com) and Peter Maydell (pmaydell@chiark.greenend.org.uk).
 Copyright (C) 1997,1998,1999 Free Software Foundation, Inc.
 Copyright (C) 1997, Theodore Ts'o
 Copyright (C) 1997, Stephen Tweedie
 Copyright (C) 1997, Ronald van Cuijlenborg ronald.van.cuijlenborg@tip.nl or nutty@dds.nl
 Copyright (C) 1995-1998 , Olaf Kirch <okir@monad.swb.de>
 Copyright (C) 1997, 99, 2001 - 2004 Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 1997, 98, 99, 2000, 2003 Ralf Baechle
 Copyright (C) 1997, 98, 99, 2000, 01, 05 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 1997, 2001, 2003, 2004 Ralf Baechle.
 Copyright (C) 1997, 2001 by Geert Uytterhoeven and others
 Copyright (C) 1997, 1999, 2001, 06 by Ralf Baechle
 Copyright (C) 1997, 1999, 2000, 2001 Ralf Baechle
 Copyright (C) 1997, 1998, 2001, 03, 05, 06 by Ralf Baechle
 Copyright (C) 1997, 1998, 1999, 2007 David S. Miller (davem@davemloft.net)
 Copyright (C) 1997, 1998, 1999, 2003, 2008 David S. Miller (davem@davemloft.net)
 Copyright (C) 1997, 1998, 1999, 2000-2009 Ingo Molnar, Hajnalka Szabo.
 Copyright (C) 1997, 1998, 1999, 2000, 2009 Ingo Molnar, Hajnalka Szabo Moved from
 arch/x86/kernel/apic/io_apic.c. Jiang Liu <jiang.liu@linux.intel.com>
 Copyright (C) 1997, 1998, 1999, 2000, 2001, 2002, 2003 Ralf Baechle
 Copyright (C) 1997, 1998, 1999, 2000, 2001, 2002 Ralf Baechle (ralf@gnu.org)
 Copyright (C) 1997, 1998, 1999, 2000, 06 by Ralf Baechle
 Copyright (C) 1997, 1998, 1999, 2000 Ralf Baechle ralf@gnu.org Carsten Langgaard,
 carstenl@mips.com
 Copyright (C) 1997, 1998, 1999, 2000 Ralf Baechle
 Copyright (C) 1997, 1998, 1999, 2000 Ingo Molnar
 Copyright (C) 1997, 1998, 1999 David S. Miller (davem@redhat.com)

Copyright (C) 1997, 1998 Krzysztof G. Baranowski
Copyright (C) 1995-1998 Jay Estabrook
Copyright (C) 1997, 1998 Hauke Fath.
Copyright (C) 1997, 1998 Francois-Rene Rideau <fare@tunes.org>
Copyright (C) 1996-1997 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, Australia | E-mail
billm@jacobi.maths.monash.edu.au |
Copyright (C) 1996-1997 by Paul M. Antoine.
Copyright (C) 1997 by Henner Eisen <eis@baty.hanse.de>
Copyright (C) 1997 by Digital Equipment Corporation, Maynard, Massachusetts. All rights
reserved.
Copyright (C) 1997 by Andi Kleen
Copyright (C) 1997 by Alain Malek
Copyright (C) 1997 Transmeta Corporation - All Rights Reserved
Copyright (C) 1992-1997 Theodore Ts'o.
Copyright (C) 1997 Sten Wang
Copyright (C) 1997 Sigurdur Asgeirsson.
Copyright (C) 1997 Russell King <rmk@arm.linux.org.uk>
Copyright (C) 1997 Rudolf Koenig (rfkoenig@immd4.informatik.uni-erlangen.de)
Copyright (C) 1997 Roman Zippel. All rights reserved.
Copyright (C) 1994-1997 Roman Hodek <Roman.Hodek@informatik.uni-erlangen.de>
Copyright (C) 1997 Richard Waltham <dormouse@farsrobt.demon.co.uk>
Copyright (C) 1995-1997 Richard Hirst [richard@sleepie.demon.co.uk]
Copyright (C) 1997 Richard Günther
Copyright (C) 1997 Paul Mackerras (paulus@samba.org)
Copyright (C) 1995-1997 Miguel de Icaza (miguel@nuclecu.unam.mx)
Copyright (C) 1997 Michal Rehacek (Michal.Rehacek@st.mff.cuni.cz)
Copyright (C) 1997-1997 Michael AK Tesch
Copyright (C) 1997 Michael A. Griffith (grif@acm.org)
Copyright (C) 1997 Martin von Löwis, Régis Duchesne
Copyright (C) 1997 Martin Mares
Copyright (C) 1997 Markus Schroeder (schroedm@uni-duesseldorf.de)
Copyright (C) 1997 M. Kirkwood
Copyright (C) 1997 Jim Paradis
Copyright (C) 1997 Jes Sorensen
Copyright (C) 1997 Jakub Jelinek <jj@sunsite.mff.cuni.cz>
Copyright (C) 1997 Jakub Jelinek
Copyright (C) 1997 Fabio Riccardi.
Copyright (C) 1996-1997 Eddie C. Dost.
Copyright (C) 1997 Dan Malek <dmalek@jlc.net>
Copyright (C) 1997 Comtrol Corporation.
Copyright (C) 1997 Cobalt Microserver
Copyright (C) 1997 Andrew Main <zefram@fysh.org>
Copyright (C) 1997 Andi Kleen <ak@muc.de>
Copyright (C) 1997 Andi Kleen
Copyright (C) 1997 Alain Malek Alain.Malek@cryogen.com
Copyright (C) 1997 -- 2000 Martin Mares <mj@ucw.cz>
Copyright (C) 1997 - 2000, 2003, 04 Ralf Baechle (ralf@linux-mips.org)
Copyright (C) 1997 - 2000, 2003 Ralf Baechle <ralf@linux-mips.org>
Copyright (C) 1997 Wu Ching Chen
Copyright (C) 1996-98 Ingo Molnar, Gadi Oxman
Copyright (C) 1996-98 Erik Andersen
Copyright (C) 1996-2012 Markus F.X.J. Oberhumer <markus@oberhumer.com>
Copyright (C) 1996-2005 Markus Franz Xavier Johannes Oberhumer All Rights Reserved.
Copyright (C) 1996-2001 Paul Mackerras (paulus@cs.anu.edu.au) Ben. Herrenschmidt
(benh@kernel.crashing.org)

Copyright (C) 1995-2001 Linus Torvalds & author
 Copyright (C) 1996-2001 Cort Dougan Adapted for Power Macintosh by Paul Mackerras
 Copyright (C) 1996-2001 Cort Dougan < cort@fsm labs.com >
 Copyright (C) 1996-2000 Thomas Sailer.
 Copyright (C) 1996-2000 Russell King - Converted to ARM.
 Copyright (C) 1996-2000 John H Terpstra
 Copyright (C) 1995-1999 Gadi Oxman < gadio@netvision.net.il >
 Copyright (C) 1994-1999 David S. Miller (davem@caip.rutgers.edu)
 Copyright (C) 1996-1998 Martin Mares < mj@atre y.karlin.mff.cuni.cz >
 Copyright (C) 1994-2002 Linus Torvalds & authors
 Copyright (C) 1996-1998 Erik Andersen < andersee@debian.org >
 Copyright (C) 1995-1997 Paul H. Hargrove.
 Copyright (C) 1996-1997 David J. McKay
 Copyright (C) 1996,98,99 Jakub Jelinek (jj@sunsite.mff.cuni.cz)
 Copyright (C) 1996,97,98 Ralph Metzler (rjkm@thp.uni-koeln.de) Marcus Metzler
 (mocm@thp.uni-koeln.de)
 Copyright (C) 1996,97,98 Ralph Metzler (rjkm@thp.uni-koeln.de) 2001 Michael Eskin 2002 Yuriy
 Sysoev < yurij@naturesoft.net > 2003 Gerd Knorr < kraxel@bytesex.org >
 Copyright (C) 1996,97,98 Ralph Metzler < rjkm@thp.uni-koeln.de > Marcus Metzler
 < mocm@thp.uni-koeln.de >
 Copyright (C) 1996,97 Ralph Metzler < rjkm@thp.uni-koeln.de >
 Copyright (C) 1996,1998 by Thomas Bogendoerfer (tsbogend@alpha.franken.de)
 Copyright (C) 1996,1997,1999 Jakub Jelinek (jakub@redhat.com)
 Copyright (C) 1996,1997,1998 Russell King.
 Copyright (C) 1996-1997 Thomas K. Dyas (tdyas@eden.rutgers.edu)
 Copyright (C) 1996,1997 Pekka Pietik{inen
 Copyright (C) 1996,1997 Jakub Jelinek (jj@sunsite.mff.cuni.cz) Pete Zaitcev
 < zaitcev@yahoo.com >
 Copyright (C) 1996,1997 Fredrik Norling, lars brinkhoff & Tomas Berndtsson
 Copyright (C) 1996, Paul Mackerras.
 Copyright (C) 1996, Paul Gortmaker.
 Copyright (C) 1996, Ingmar Baumgart ingmar@gonzo.schwaben.de
 Copyright (C) 1996, Cygnus Software Technologies Ltd.
 Copyright (C) 1996, 99, 2003 by Ralf Baechle
 Copyright (C) 1996, 99 Ralf Baechle
 Copyright (C) 1996, 98, 99, 2000, 01 Ralf Baechle
 Copyright (C) 1996, 97, 99, 2002, 03 Ralf Baechle
 Copyright (C) 1996, 97, 99, 2000, 03, 04, 06 by Ralf Baechle
 Copyright (C) 1996, 97, 98, 99, 2000, 01, 03, 04, 05, 12 by Ralf Baechle
 Copyright (C) 1996, 97, 98, 2000, 03, 04, 06 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 1996, 97, 2001, 04 Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 1996, 97, 2000, 2001 by Ralf Baechle
 Copyright (C) 1996-2002 David S. Miller
 Copyright (C) 1996, 1999, 2003, 2006, 2008 David S. Miller (davem@davemloft.net)
 Copyright (C) 1996, 1997-2001 David S. Miller (davem@redhat.com)
 Copyright (C) 1996-1999 Jay A Estabrook
 Copyright (C) 1996, 1998, 1999, 2002, 2003, 2006, 2008 David S. Miller
 (davem@davemloft.net)
 Copyright (C) 1996, 1998, 1999, 2002 by Ralf Baechle
 Copyright (C) 1996, 1998, 1999, 2000, 2004 David S. Miller (davem@redhat.com)
 Copyright (C) 1996, 1997, 2004, 05 by Ralf Baechle (ralf@linux-mips.org)
 Copyright (C) 1996, 1997, 2000, 2012 David S. Miller (davem@redhat.com)
 Copyright (C) 1996, 1997, 1998, 2001, 07, 08 by Ralf Baechle
 Copyright (C) 1996, 1997, 1998, 2000 Ralf Baechle

Copyright (C) 1996, 1997, 1998, 1999, 2000, Ingo Molnar, Matti Aarnio, Jakub Jelinek, Richard Henderson.
 Copyright (C) 1996, 1997, 1998, 1999, 2000, 03, 04 by Ralf Baechle
 Copyright (C) 1996, 1997, 1998, 1999, 2000 Free Software Foundation, Inc.
 Copyright (C) 1996, 1997, 1998, 1999 Jakub Jelinek (jj@ultra.linux.cz)
 Copyright (C) 1996, 1997, 1998 Olaf Kirch <okir@monad.swb.de>
 Copyright (C) 1996, 1997, 1998 Ingo Molnar, Miguel de Icaza, Gadi Oxman
 Copyright (C) 1996, 1997, 1998 Hans Reiser.
 Copyright (C) 1996, 1997, 1998 Derrick J Brashear (shadow@andrew.cmu.edu).
 Copyright (C) 1996, 1997 Linux International.
 Copyright (C) 1996, 1997 Ingo Molnar, Miguel de Icaza, Gadi Oxman
 Copyright (C) 1996 by Thomas Bogendoerfer (tsbogend@bigbug.franken.de)
 Copyright (C) 1996-1996 by Erik Stahlman.
 Copyright (C) 1996 by David S. Miller
 Copyright (C) 1996 by Christian Mock (cm@kukuruz.ping.at)
 Copyright (C) 1996 by ACN S.A
 Copyright (C) 1996-1996 Universidade de Lisboa.
 Copyright (C) 1996 Thomas K. Dyas (tdyas@noc.rutgers.edu)
 Copyright (C) 1996 The XFree86 Project, Inc.
 Copyright (C) 1996 SpellCaster Telecommunications Inc.
 Copyright (C) 1996 Simon G. Vogl 1999 Hans Berglund
 Copyright (C) 1996 Roman Zippel
 Copyright (C) 1996 Philip Blundell & Russell King.
 Copyright (C) 1996 Peter J. Braam <braam@maths.ox.ac.uk> and Michael Callahan <callahan@maths.ox.ac.uk>
 Copyright (C) 1996 Peter Braam
 Copyright (C) 1996 Paul Mackerras PPC44x/36-bit changes by Matt Porter (mporter@mvista.com)
 Copyright (C) 1996 Paul Mackerras (paulus@cs.anu.edu.au)
 Copyright (C) 1996 Paul Mackerras <paulus@cs.anu.edu.au>
 Copyright (C) 1996 P. Braam and M. Callahan
 Copyright (C) 1996 Olaf Kirch, <okir@monad.swb.de>
 Copyright (C) 1996 Olaf Kirch 04 Aug 1998 Ion Badulescu <ionut@cs.columbia.edu>
 Copyright (C) 1995-1999 Olaf Kirch <okir@monad.swb.de>
 Copyright (C) 1996 Mike Shaver (shaver@zeroknowledge.com)
 Copyright (C) 1996 Martin von Löwis.
 Copyright (C) 1996 Larry Ewing (lewing@isc.tamu.edu)
 Copyright (C) 1996 Kars de Jong.
 Copyright (C) 1996 John Shifflett, GeoLog Consulting
 Copyright (C) 1996 Hans-Joachim Widmaier
 Copyright (C) 1996 Grant R. Guenther grant@torque.net David Campbell
 Copyright (C) 1996 Gordon Chaffee
 Copyright (C) 1996 Gertjan van Wingerde Minix.
 Copyright (C) 1996 Free Software Foundation, Inc. David Mosberger (davidm@cs.arizona.edu).
 Copyright (C) 1996 Frank Neumann
 Copyright (C) 1996 Erik Stahlman.
 Copyright (C) 1996 Eddie C. Dost (ecd@brainaid.de)
 Copyright (C) 1994-1996 Digital Equipment Corporation
 Copyright (C) 1996 David Sitsky (David.Sitsky@anu.edu.au)
 Copyright (C) 1996 David S. Miller Kevin D. Kissell, kevink@mips.com and Carsten Langgaard, carstenl@mips.com
 Copyright (C) 1996 David S. Miller (dm@sgi.com)
 Copyright (C) 1996 David S. Miller (davem@caipfs.rutgers.edu)
 Copyright (C) 1996 David Mosberger-Tang.
 Copyright (C) 1996 Dave Redman (djhr@tadpole.co.uk)

Copyright (C) 1996 Dave Frascione [chaos@mindspring.com].
 Copyright (C) 1996 Adrian Rodriguez (adrian@franklins-tower.rutgers.edu).
 Copyright (C) 1995-99, 2000- 02, 06 Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 1995-99 Simon G. Vogl
 Copyright (C) 1995-97 Simon G. Vogl 1998-99 Hans Berglund
 Copyright (C) 1995-97 Simon G. Vogl
 Copyright (C) 1995-2005 Mark Adler
 Copyright (C) 1995-2005 Jean-loup Gailly and Mark Adler
 Copyright (C) 1995-2003 by Geert Uytterhoeven (geert@linux-m68k.org) Peter De Schrijver (p2@mind.be)
 Copyright (C) 1995-2003 Russell King 2001-2002 Keith Owens
 Copyright (C) 1995-2003 Kai Makisara.
 Copyright (C) 1995-2002 , Russell King
 Copyright (C) 1995-2001 by Russell King
 Copyright (C) 1995-2000 Simon G. Vogl.
 Copyright (C) 1995-2000 R.M.King.
 Copyright (C) 1995-1999 Madge Networks Ltd.
 Copyright (C) 1995-1999 Gary Thomas, Paul Mackerras, Cort Dougan.
 Copyright (C) 1995-1998 by Leonard N. Zubkoff.
 Copyright (C) 1995-1998 Patrick Caulfield.
 Copyright (C) 1995-2005 Mark Lord
 Copyright (C) 1995-1998 Linus Torvalds & author Author: mlord@pobox.com (Mark Lord)
 Copyright (C) 1995-1998 Jean-loup Gailly.
 Copyright (C) 1995-1998 E.M. Serrat emserrat@geocities.com
 Copyright (C) 1995-1997,1999,2001-2005 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 1995-1997 Simon G. Vogl 1998-2000 Hans Berglund
 Copyright (C) 1995-1997 Jan "Yenya" Kasprzak <kas@fi.muni.cz>
 Copyright (C) 1995-1996 by Mylex Corporation. All Rights Reserved
 Copyright (C) 1995-1996 Gary Thomas (gdt@linuxppc.org)
 Copyright (C) 1995-1996 Gary Thomas <gdt@linuxppc.org>.
 Copyright (C) 1995-06 ICP vortex, Achim Leubner
 Copyright (C) 1995-06 ICP vortex GmbH, Achim Leubner.
 Copyright (C) 1995--1999 Martin Mares, <mj@ucw.cz>
 Copyright (C) 1995,96 by Michael Hipp (Michael.Hipp@student.uni-tuebingen.de)
 Copyright (C) 1995,96 Thinking Objects Software GmbH Wuerzburg
 Copyright (C) 1995-2002 Pete A. Zaitcev (zaitcev@yahoo.com)
 Copyright (C) 1995-2001 Compaq Computer Corporation
 Copyright (C) 1995,1997,2008,2009,2012 David S. Miller (davem@davemloft.net)
 Copyright (C) 1995,1996,1997,1998 Riccardo Facchetti (fizban@tin.it)
 Copyright (C) 1995,1996 by Paul M. Antoin.
 Copyright (C) 1995-2013 Christian Vogelgsang.
 Copyright (C) 1995,1996 Christian Vogelgsang,
 Copyright (C) 1995, 96, 99, 2001, 06 Ralf Baechle
 Copyright (C) 1995, 96, 99, 2001 Ralf Baechle <ralf@linux-mips.org>
 Copyright (C) 1995, 96, 98, 99, 2000 by Ralf Baechle
 Copyright (C) 1995, 96, 97, 98, 99, 2003, 05 Ralf Baechle
 Copyright (C) 1995, 96, 97, 98, 99, 2003 by Ralf Baechle
 Copyright (C) 1995, 96, 97, 98, 99, 2001 by Ralf Baechle
 Copyright (C) 1995, 96, 97, 98, 99, 2000, 01, 02, 03 by Ralf Baechle
 Copyright (C) 1995, 96, 97, 98, 99, 2000, 01 by Ralf Baechle
 Copyright (C) 1995, 96, 97, 98, 99, 2000 by Ralf Baechle
 Copyright (C) 1995, 1999, 2001, 2002 by Ralf Baechle
 Copyright (C) 1995, 1999, 2000, 2001 by Silicon Graphics, Inc.
 Copyright (C) 1988-1999 Silicon Graphics
 Copyright (C) 1995, 1998, 2001, 2002 by Ralf Baechle

Copyright (C) 1995, 1997, 2005, 2008 David S. Miller <davem@davemloft.net>
 Copyright (C) 1995, 1996, 1997, 1998 Russell King
 Copyright (C) 1995, 1996, 1998, 2000, 2001 Free Software Foundation, Inc.
 Copyright (C) 1995, 1996, 1998, 1999, 2000, 2003, 2004, 2005 Free Software Foundation, Inc.
 Copyright (C) 1995, 1996, 1997, 2000, 2001, 05 by Ralf Baechle
 Copyright (C) 1995, 1996, 1997, 1998, 1999, 2001, 2002, 2003 Ralf Baechle
 Copyright (C) 1995, 1996, 1997, 1998, 1999, 2000, 2003 by Comtrol, Inc.
 Copyright (C) 1995, 1996, 1997, 1998 Jakub Jelinek (jj@ultra.linux.cz)
 Copyright (C) 1995, 1996, 1997, 1998 David S. Miller (davem@redhat.com)
 Copyright (C) 1995, 1996, 1997 Paul M. Antoine and Harald Koerfgen
 Copyright (C) 1995, 1996, 1997 Olaf Kirch <okir@monad.swb.de>
 Copyright (C) 1995-1996 by Volker Lendecke.
 Copyright (C) 1995, 1996 by Volker Lendecke Modified.
 Copyright (C) 1995, 1996 by Andreas Busse
 Copyright (C) 1995-1996 Stoned Elipot
 Copyright (C) 1995-1996 Paul M. Antoine
 Copyright (C) 1995, 1996 Gero Kuhlmann <gero@gkminix.han.de>
 Copyright (C) 1995, 1996 Gero Kuhlmann
 Copyright (C) 1995-1996 Andreas Busse
 Copyright (C) 1995 by the Massachusetts Institute of Technology. All Rights Reserved.
 Copyright (C) 1995 by Michael Schlueter & Michael Marte
 Copyright (C) 1995 by Geert Uytterhoeven, Peter De Schrijver
 Copyright (C) 1995 by Geert Uytterhoeven (geert@linux-m68k.org) Peter De Schrijver
 Peter.DeSchrijver@linux.cc.kuleuven.ac.be)
 Copyright (C) 1995 by Andreas Busse (andy@waldorf-gmbh.de)
 Copyright (C) 1995 Waldorf Electronics
 Copyright (C) 1995 Volker Lendecke
 Copyright (C) 1995 Simon Janes NCM: Network and Communications Management, Inc.
 Copyright (C) 1995 Roger C. Pao
 Copyright (C) 1995 Michael Neuffer neuffer@goofy.zdv.uni-mainz.
 Copyright (C) 1995 Michael Dreher
 Copyright (C) 1995 Linus Torvalds (Linus.Torvalds@helsinki.fi)
 Copyright (C) 1993-1995 Hamish Macdonald
 Copyright (C) 1995 Eric Schenk, Bruno Haible
 Copyright (C) 1995 David S. Miller <davem@caip.rutgers.edu>
 Copyright (C) 1995 David Mosberger (davidm@cs.arizona.edu)
 Copyright (C) 1995 David A Rusling
 Copyright (C) 1995 Apple Computer, Inc. All rights reserved.
 Copyright (C) 1995 Alan Cox, Building #3 <alan@redhat.com>
 Copyright (C) 1995 Adrian M. Rodriguez (adrian@remus.rutgers.edu)
 Copyright (C) 1995 1996 Linus Torvalds
 Copyright (C) 1995 - 2000, 2001 by Ralf Baechle
 Copyright (C) 1995 - 2000, 01, 03 by Ralf Baechle
 Copyright (C) 1995 - 1998 by Andreas Busse and Ralf Baechle
 Copyright (C) 1995-1997 , 1999 Silcon Graphics, Inc.
 Copyright (C) 1995 - 1997 Marco van Wieringen - ELM Consultancy B.V.
 Copyright (C) 1995 CymruNET Ltd Innovation Centre Singleton Park Swansea Wales UK.
 Copyright (C) 1994-97 Roman Hodek <Roman.Hodek@informatik.uni-erlangen.de>
 Copyright (C) 1994-96 Marc ZYNGIER zygier@ufr-info-p7.ibp.fr> or maz@gloups.fdn.fr>
 Copyright (C) 1994-2003 Dario Ballabio.
 Copyright (C) 1994-2003 Dario Ballabio (ballabio_dario@emc.com)
 Copyright (C) 1994-2001 Stephen Rothwell (sfr@canb.auug.org.au)
 Copyright (C) 1994-2000 XLR8, Inc.
 Copyright (C) 1994-2000 Algorithmics Ltd.
 Copyright (C) 1994-1999 by Fritz Elfert (fritz@isdn4linux.de)

Copyright (C) 1994-1996 Scott Snyder <snyder@fnald0.fnal.gov>
 Copyright (C) 1994,95,96 by Fritz Elfert (fritz@isd4linux.de)
 Copyright (C) 1994,1999 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail
 billm@melbpc.org.au |
 Copyright (C) 1994,1996,1998 David S. Miller (davem@caip.rutgers.edu)
 Copyright (C) 1994,1995,1996, Kevin Lentin K.Lentin@cs.monash.edu.au
 Copyright (C) 1994,1995,1996 Kevin Lentin
 Copyright (C) 1992-1995 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail
 billm@jacobi.maths.monash.edu.au |
 Copyright (C) 1994,1995 by Donald Becker.
 Copyright (C) 1994, Tom Zerucha. tz@execpc.com
 Copyright (C) 1994, Karl Keyte: Added support for disk statistics
 Copyright (C) 1994, Drew Eckhardt
 Copyright (C) 1994, 95, 96, 97, 98, 99, 2003, 06 by Ralf Baechle
 Copyright (C) 1994, 95, 96, 97, 98, 99, 2003 by Ralf Baechle
 Copyright (C) 1994, 95, 96, 97, 98, 99, 2000, 2003 Ralf Baechle
 Copyright (C) 1994, 95, 96, 97, 98, 99, 2000, 01, 02, 03 by Ralf Baechle
 Copyright (C) 1994, 95, 96, 97, 98, 99, 2000, 01, 02, 03 Ralf Baechle
 Copyright (C) 1994, 95, 96, 97, 98, 99, 2000 by Ralf Baechle
 Copyright (C) 1994, 95, 96, 97, 98, 2000 Ralf Baechle
 Copyright (C) 1994, 95, 96, 2003 by Wind River Systems Written by Fredrik Markstrom
 Copyright (C) 1994, 95, 96, 2003 by Ralf Baechle DECStation modifications by Paul M. Antoine,
 1996
 Copyright (C) 1994, 2002 IBM Corp.All Rights Reserved.
 Copyright (C) 1994, 1996, 1997-2000 Free Software Foundation, Inc.
 Copyright (C) 1994, 1996, 1998, 1999, 2000, 2001 Free Software Foundation, Inc.
 Copyright (C) 1994, 1996, 1997, 1998, 2001 Free Software Foundation, Inc.
 Copyright (C) 1994, 1995, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software
 Foundation, Inc.
 Copyright (C) 1994, 1995, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free
 Software Foundation, Inc.
 Copyright (C) 1994, 1995, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free
 Software Foundation, Inc.
 Copyright (C) 1994, 1995, 1996, by Andreas Busse
 Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005, 2006, 2007 Free
 Software Foundation, Inc.
 Copyright (C) 1994, 1995, 1996, 1999, 2000 by Ralf Baechle
 Copyright (C) 1994, 1995, 1996, 1999 by Ralf Baechle
 Copyright (C) 1994, 1995, 1996, 1999 Ralf Baechle
 Copyright (C) 1994, 1995, 1996, 1998, 1999, 2002, 2003 Ralf Baechle
 Copyright (C) 1994, 1995, 1996, 1997, 2000, 2001 by Ralf Baechle.
 Copyright (C) 1994, 1995, 1996 by Ralf Baechle
 Copyright (C) 1994, 1995, 1996 by Andreas Busse
 Copyright (C) 1994, 1995, 1996 Paul M. Antoine.
 Copyright (C) 1994, 1995, 1996 Normunds Saumanis (normunds@fi.ibm.com).
 Copyright (C) 1994, 1995 by Waldorf Electronics, written by Ralf Baechle.
 Copyright (C) 1994, 1995 Waldorf Electronics Written by Ralf Baechle and Andreas Busse
 Copyright (C) 1994, 1995 Waldorf Electronics GmbH
 Copyright (C) 1994 by Waldorf GMBH, written by Ralf Baechle
 Copyright (C) 1994 by Waldorf Electronics
 Copyright (C) 1994 by Robert de Vries
 Copyright (C) 1994 by Ingo Wilken (Ingo.Wilken@informatik.uni-oldenburg.de)
 Copyright (C) 1994 by Florian La Roche
 Copyright (C) 1994 by Björn Brauel
 Copyright (C) 1994 by Alan Cox.

Copyright (C) 1994 Wolfgang Stanglmeier
Copyright (C) 1994 Waldorf GMBH
Copyright (C) 1994 Martin Schaller & Roman Hodek
Copyright (C) 1994 Martin Schaller
Copyright (C) 1994 Florian La Roche
Copyright (C) 1994 David Carter [carter@compsci.bristol.ac.uk]
Copyright (C) 1994 Bjoern Brauel
Copyright (C) 1994 - 99, 2003, 06 Ralf Baechle
Copyright (C) 1994-2003 , 06, 07 by Ralf Baechle (ralf@linux-mips.org)
Copyright (C) 1994 - 2001, 2003, 07 Ralf Baechle
Copyright (C) 1994 - 2001, 2003 by Ralf Baechle
Copyright (C) 1994 - 2000, 2006 Ralf Baechle
Copyright (C) 1994 - 2000, 2002 Ralf Baechle (ralf@gnu.org)
Copyright (C) 1994 - 2000, 2001, 2003 Ralf Baechle.
Copyright (C) 1994 - 1999, 2000, 03, 04 Ralf Baechle
Copyright (C) 1994 - 1999, 2000, 03 Ralf Baechle.
Copyright (C) 1994 - 1999, 2000, 01, 06 Ralf Baechle
Copyright (C) 1994 - 1999, 2000 by Ralf Baechle and others.
Copyright (C) 1993-96 by Hannu Savolainen
Copyright (C) 1993-95 Michael Neuffer, neuffer@goofy.zdv.uni-mainz.
Copyright (C) 1993-2003 NVIDIA, Corporation
Copyright (C) 1993-1997 by Hannu Savolainen
Copyright (C) 1993-1997 Michael Beck
Copyright (C) 1993,2000 by Joerg Reuter DL1BKE <jreuter@yaina.de>
Copyright (C) 1993,1995,1997 | W. Metzenthien, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@suburbia.net |
Copyright (C) 1993, Ralf Baechle.
Copyright (C) 1993, Hamish Macdonald.
Copyright (C) 1993, 1994, 1995, 1999 Eric Youngdale
Copyright (C) 1993, 1994, 1995, 1998, 1999 Eric Youngdale.
Copyright (C) 1993, 1994, 1995, 1996, 1997 Free Software Foundation, Inc. Contributed by Paul Eggert (eggert@twinsun.com).
Copyright (C) 1993, 1994, 1995 Remy Card (card@masi.ibp.fr).
Copyright (C) 1993, 1994, 1995 Eric Youngdale
Copyright (C) 1993-1994 by Hamish Macdonald
Copyright (C) 1993, 1994 Motorola Inc. All rights reserved.
Copyright (C) 1993, 1994 Alain Knaff
Copyright (C) 1993 by OpenVision Technologies, Inc.
Copyright (C) 1993 by Nigel Gamble
Copyright (C) 1993 United States Government as represented by the Director, National Security Agency.
Copyright (C) 1993 United States Government
Copyright (C) 1993 Turtle Beach Systems, Inc.
Copyright (C) 1993 Stephen Tweedie (sct@redhat.com)
Copyright (C) 1993 Ray Burr
Copyright (C) 1993 Paul B. Monday
Copyright (C) 1993 Pascal Haible, Bruno Haible
Copyright (C) 1993 Hamish Macdonald Greg Harp
Copyright (C) 1993 Greg Harp
Copyright (C) 1993 Drew Eckhard
Copyright (C) 1993 Bruno Haible
Copyright (C) 1993 Bjoern Brauel Roman Hodek
Copyright (C) 1993 -- 1997 Drew Eckhardt, Frederic Potter, David Mosberger-Tang
Copyright (C) 1992-2001 Andrew Tridgell
Copyright (C) 1992-1997,2000-2006 Silicon Graphics, Inc. All rights reserved.

Copyright (C) 1992-1996, 1998 Rickard E. Faith (faith@acm.org)
 Copyright (C) 1992--1999 Drew Eckhardt, Frederic Potter, David Mosberger-Tang, Martin Mares
 Copyright (C) 1992,1994,1997 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@suburbia.net |
 Copyright (C) 1992,1994,1995 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@jacobi.maths.monash.edu.au |
 Copyright (C) 1992,1993,1997 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, Australia | E-mail billm@suburbia.net |
 Copyright (C) 1992,1993, 1994-1997 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, Australia | E-mail billm@suburbia.net |
 Copyright (C) 1992,1993,1994,1997,1999 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@melbpc.org.au |
 Copyright (C) 1992,1993,1994,1996,1997 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, Australia | E-mail billm@suburbia.net |
 Copyright (C) 1992,1993,1994,1996 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, Australia | E-mail billm@jacobi.maths.monash.edu.au |
 Copyright (C) 1992,1993,1994,1995,1996,1997,1999 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@melbpc.org.au |
 Copyright (C) 1992,1993,1994,1995 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@jacobi.maths.monash.edu.au |
 Copyright (C) 1992,1993 | W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@vaxc.cc.monash.edu.au |
 Copyright (C) 1992,1993 by Michael K. Johnson.
 Copyright (C) 1992,1993 Rick Sladkey <jrs@world.std.com>
 Copyright (C) 1992,1993 Brad McLean brad@saturn.gaylord.com.
 , 1998-2006 Linus Torvalds, Ingo Molnar
 Copyright (C) 1992, 1998 Linus Torvalds, Ingo Molnar
 Copyright (C) 1992, 1994, 1995, 2000 Free Software Foundation, Inc.
 Copyright (C) 1992-2002 by Theodore Ts'o.
 Copyright (C) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999 Theodore Ts'o.
 Copyright (C) 1992, 1993, 1994-1995 Remy Card (card@masi.ibp.fr).
 Copyright (C) 1992, 1993, 1994, 1995 Remy Card (card@masi.ibp.fr) Theodore Ts'o (tytso@mit.edu)
 Copyright (C) 1992, 1993, 1994, 1995 Remy Card (card@masi.ibp.fr) Laboratoire MASI - Institut Blaise pascal Universite Pierre et Marie Curie (Paris VI)
 Copyright (C) 1992, 1993, 1994, 1995 Remy Card (card@masi.ibp.fr) Laboratoire MASI - Institut Blaise Pascal Universite Pierre et Marie Curie (Paris VI).
 Copyright (C) 1992, 1993, 1994 Rick Sladkey
 Copyright (C) 1992, 1993, 1994 Eric Youngdale.
 Copyright (C) 1992, 1993 Linus Torvalds, (C) 1997 Ingo Molnar
 Copyright (C) 1992-1993 Krishna Balasubramanian.
 Copyright (C) 1992 by Jim Weigand and Linus Torvalds
 Copyright (C) 1992 by Greg Harp
 Copyright (C) 1992 W. Metzenthen, 22 Parker St, Ormond, Vic 3163, | Australia. E-mail billm@vaxc.cc.monash.edu.au |
 Copyright (C) 1992-1992 Tommy Thorn
 Copyright (C) 1992 Thomas Wuensche.
 Copyright (C) 1992 Ross Biro
 Copyright (C) 1992 Rick Sladkey
 Copyright (C) 1992-1992 Remy Card (card@masi.ibp.fr)
 Copyright (C) 1992 Lawrence Foard.
 Copyright (C) 1992 Krishna Balasubramanian and Linus Torvalds
 Copyright (C) 1992-1992 Drew Eckhardt.
 Copyright (C) 1992 Doug Evans

Copyright (C) 1992 David Giller, rafetmad@oxy.edu 1994, 1995 Eberhard Mönkeberg, emoenke@gwdg.de 1996 David van Leeuwen, david@tm.tno.nl 1997, 1998 Erik Andersen, andersee@debian.org 1998-2002 Jens Axboe, axb
 Copyright (C) 1992 David Giller
 Copyright (C) 1991-1992 David B. Gentzel.
 Copyright (C) 1992 Darren Senn
 Copyright (C) 1992 Dana L. How
 Copyright (C) 1992 - 1997, 2000-2006 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 1992 - 1997, 2000-2005 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 1992 - 1997, 2000-2004 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 1992 - 1997, 2000-2003 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 1992 - 1997, 2000,2002-2007 Silicon Graphics, Inc. All rights reserved.
 Copyright (C) 1992 - 1997, 2000 Silicon Graphics, Inc.
 Copyright (C) 1992 - 1997, 1999, 2000 Silicon Graphics, Inc.
 Copyright (C) 1990-1997 , 1999 Silicon Graphics, Inc.
 Copyright (C) 1991-2002 SciTech Software, Inc. All rights reserved.
 Copyright (C) 1991-1998 Linus Torvalds Re-organised Feb 1998 Russell King
 Copyright (C) 1991,92,1995-99,2002,2004 Free Software Foundation, Inc.
 Copyright (C) 1991,1996 Free Software Foundation
 Copyright (C) 1991, 1997, 2003 Free Software Foundation, Inc.
 Copyright (C) 1991, 1993, 1997, 1998 Free Software Foundation, Inc.
 , 1992-1999 Linus Torvalds
 Copyright (C) 1991, 1992, 1995, 1999, 2000 Linus Torvalds
 Copyright (C) 1991, 1992, 1993, 1997, 2004 Free Software Foundation, Inc. Torbjorn Granlund (tege@sics.se).
 Copyright (C) 1991, 1992, 1993, 1994, 1996, 1998, 2000, 2001, 2002, 2003 Free Software Foundation, Inc.
 Copyright (C) 1991-1995 by Linus Torvalds
 Copyright (C) 1991, 1992 Linux Torvalds
 Copyright (C) 1991, 1992 Linus Torvalds changes by Thomas Schoebel-Theuer
 Copyright (C) 1991, 1992 Linus Torvalds 1995 Jay Estabrook
 Copyright (C) 1991 Free Software Foundation, Inc. 675 Mass Ave, Cambridge, MA 02139.
 Copyright (C) 1989, 92-98, 1999 Free Software Foundation, Inc.
 Copyright (C) 1989, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001 Free Software Foundation, Inc.
 Copyright (C) 1989, 1992, 1993, 1994, 1995 Free Software Foundation, Inc.
 Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.
 Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
 Copyright (C) 1989 Regents of the University of California.
 Copyright (C) 1989-2000 Carnegie Mellon University
 Copyright (C) 1986, 1989, 1990 by Abacus Research and Development, Inc.
 Copyright (C) 1985 MIPS Computer Systems, Inc.
 Copyright (C) 1984, 1989-1990, 2000-2013 Free Software Foundation, Inc.
 Copyright (C) 1984, 1989-1990, 2000-2012 Free Software Foundation, Inc.
 Copyright (C) 1982, 1986 Regents of the University of California. All rights reserved.
 / 1998-1998 Peter Maydell <pmaydell@chiark.greenend.org.uk>.
 Copyright (C) 2013 Alistair Popple IBM Corporation
 Copyright (C) 2011 David Kleikamp IBM Corporation
 Copyright (C) 2003 mjander mjander@users.sourceforge.org
 Copyright (C) 2002, 2003 Al Viro
 Copyright (C) 2001, STMicroelectronics, Inc. Contact: steve.miller@st.com
 Copyright (C) 1999, 2000 IBM Corp. Author(s): Martin Schwidofsky (schwidofsky@de.ibm.com), Thomas Spatzier (tspat@de.ibm.com)

Copyright (C) 1999, 2000 IBM Corp. Author(s): Martin Schwidefsky (schwidefsky@de.ibm.com), Denis Joseph Barrow (djbarrow@de.ibm.com, barrow_dj@yahoo.com)
 Copyright (C) 1995-1999 Tekram Technology Co., Ltd.
 Copyright (C) 1995 1996 Linus Torvalds Hacked for ARM by Phil Blundell <philb@gnu.org>
 Copyright (2004, 2005) Ingo Molnar
 Copyright (2004) Linus Torvalds
 Copyright (c) 2014 Broadcom Corporation. All rights reserved.
 Copyright (c) 2012 Dialog Semiconductor Ltd.
 Copyright (c) 2010, Tom Zanussi <tzanussi@gmail.com>
 Copyright (c) 2009-2012 Realtek Corporation. All rights reserved.
 Copyright (c) 2004-2014 Intel Corporation. All rights reserved.
 Copyright (c) 2005 - 2014 Intel Corporation. All rights reserved. All rights reserved.
 Copyright (c) 2002-2010 Exar Corp.
 Copyright (C) 2006-2012 Patrick McHardy <kaber@trash.net>
 Copyright (C) 2005-2007, Red Hat, Inc., Ingo Molnar
 Copyright (C) 2005-2006, Thomas Gleixner <tglx@linutronix.de>
 Copyright (C) 1999 Andrea Arcangeli <andrea@suse.de>
 Copyright (C) 2001 Russell King
 Copyrights (c) 1999 Manfred Spraul <manfred@colorfullife.com>
 COPYRIGHT © 2014-2015 VMware, Inc., Palo Alto, CA., USA All Rights Reserved.
 COPYRIGHT t(c) 2015 Huawei Corporation.
 COPYRIGHT (c) 2015 Huawei Corporation.
 COPYRIGHT (c) 2013, Intel Corporation.
 COPYRIGHT (c) 2008 The Regents of the University of Michigan ALL RIGHTS RESERVED
 COPYRIGHT (c) 2004-2015 Emulex. All rights reserved.
 COPYRIGHT (c) 1999-2006 Intel Corporation.
 COPYRIGHT (c) 2003- 2015 Intel Corporation, AUTHOR <ilw@linux.intel.com>
 COPYRIGHT (c) 1999-2008 LSI Corporation.
 COPYRIGHT (C) 2001-2004 by Agere Systems Inc. All Rights Reserved
 COPYRIGHT (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
 COPYRIGHT (c) 2000 - 2015 Intel Corporation.
 COPYRIGHT (C) 2004-2005 Intel Corporation <jketreno@linux.intel.com>
 (c) Rebel.COM, 1998
 (c) Philip Blundell, 1998, 2001
 (c) MontaVista Software, Inc.
 (c) Mauro Carvalho Chehab 05 Aug 2009.
 (c) Ian Molton (spyro@f2s.com) 2003
 (c) FUJITSU Limited 2008.
 (c) David Miller davem@redhat.com)
 (c) Daniel Phillips, 2001
 (c) Copyright IBM Corp. 2003, 2005
 (c) Copyright Hewlett-Packard Development Company, L.P., 2006-2007 , 2008
 (c) Copyright 2002-2013 Datera, Inc.
 (c) Copyright 2006-2011 Wim Van Sebroeck <wim@iguana.be>.
 (c) Copyright 1996-2011 Alan Cox <alan@lxorguk.ukuu.org.uk>, All Rights Reserved.
 (c) Copyright 2004-2008 Hewlett-Packard Development Company, L.P. Bjorn Helgaas <bjorn.helgaas@hp.com>
 (c) Copyright 2007 Hewlett-Packard Development Company, L.P. Thomas Mingarelli <thomas.mingarelli@hp.com>
 (c) Copyright 2005 Jose Goncalves <jose.goncalves@inov.pt>
 (c) Copyright 2005 Google Inc., All Rights Reserved.
 (c) Copyright 2005 Benjamin Herrenschmidt, IBM Corp. benh@kernel.crashing.org>
 (c) Copyright 2004-2005 Advanced Micro Devices, Inc.
 (c) Copyright 2004, Red Hat Inc. <alan@lxorguk.ukuu.org.uk>.

(c) Copyright 2004 Naresh Kumar Inna.
(c) Copyright 2004 Hewlett-Packard Development Company, L.P. Bob Picco
<robert.picco@hp.com>
(c) Copyright 2003-2008 Xilinx Inc. All rights reserved.
(c) Copyright 2003 Red Hat Inc <jgarzik@redhat.com>
(c) Copyright 1999-2005 Hewlett-Packard Company
(c) Copyright 2002-2005 Alex Williamson
(c) Copyright 1999-2004 Grant Grundler
(c) Copyright 2002, 2005 Hewlett-Packard Development Company, L.P. David Mosberger-Tang
<davidm@hpl.hp.com> Bjorn Helgaas <bjorn.helgaas@hp.com>
(c) Copyright 2002 Zwane Mwaikambo <zwane@commfireservices.com>, All Rights Reserved.
(c) Copyright 2000-2002 Ryan Bradetich
(c) Copyright 2001 Scott Jennings <linuxdrivers@oro.net>
(c) Copyright 2001 Red Hat Inc <alan@redhat.com>
(c) Copyright 2000-2003 Red Hat Inc
(c) Copyright 2000 kernel concepts <n timer@kernelconcepts.de>, All Rights Reserved.
(c) Copyright 2000 Philipp Rumpf <prumpf@tux.org>
(c) Copyright 2000 Oleg Drokin <green@crimea.edu>
(c) Copyright 2000 John Marvin
(c) Copyright 1999, Thomas Davis, tadavis@lbl.gov
(c) Copyright 1998 Alan Cox <alan@lxorguk.ukuu.org.uk>
(c) Copyright 1995 Simon "Guru Aleph-Null" Janes NCM: Network and Communications
Management, Inc.
(c) Benjamin Herrenschmidt <benh@kernel.crashing.org>, IBM Corp, Scott Wood
<scottwood@freescale.com>
(c) Benjamin Herrenschmidt <benh@kernel.crashing.org>, IBM Corp
(c) Amit S. Kale and 2003-2005 (c) MontaVista Software, Inc.
(c) 2016 Intel Deutschland GmbH All rights reserved.
(c) 2015-2016 Intel Deutschland GmbH
(c) 2014-2015 , Intel Corporation.
(c) 2015 Stephen Chandler Paul <thatslyude@gmail.com>
(c) 1999-2015 Intel Corporation.
(c) 2015 EZchip Technologies.
(c) 2014-2015 Valentin Rothberg <valentinrothberg@gmail.com>
(c) 2014, Sasha Levin <sasha.levin@oracle.com>
(c) 2014 by Wolfram Sang <wsa@sang-engineering.com>
(c) 2014 Volkswagen Group Research Author: Rostislav Lisovy <rostislav.lisovy@fel.cvut.cz>
Funded by: Volkswagen Group Research
(c) 2014 Stefan Hengelein <stefan.hengelein@fau.de>
(c) 2014 Jeff Layton <jlayton@primarydata.com>
(c) 1999-2015 Intel Corporation. All rights reserved.
(c) 2014 Daniel Mack <linux@zonque.org>
(c) 2013 Wolfram Sang <wsa@the-dreams.de>
(c) 2013 Hans de Goede <hdegoede@redhat.com>
(c) 2013-2015 Intel Mobile Communications GmbH
(c) 2013-2015 Intel Mobile Communications GmbH All rights reserved.
(c) 2012 Pablo Neira Ayuso <pablo@netfilter.org>
(c) 2012 Frank Schäfer <fschaefer.oss@googlemail.com>
(c) 2005-2014 Intel Corporation. All rights reserved. All rights reserved.
(c) 2011 Texas Instruments, Inc.
(c) 2011 Ondrej Zary <linux@rainbow-software.org>
(c) 2011 Google, Inc. All rights reserved.
(c) 2011 Dialog Semiconductor Ltd.
(c) 2010-2012 ST Microelectronics
(c) 2010-2011 Samsung Electronics Co., Ltd.

(c) 2010, Arnaldo Carvalho de Melo <acme@redhat.com>
(c) 2010 Nikolaus Voss, Weinmann Medical GmbH
(c) 2010 Manfred Spraul <manfred@colorfullife.com>
(c) 2010 Larry Finger. All rights reserved.
(c) 2010 Arnaud Patard <arnaud.patard@rtp-net.org>
(c) 2010 Arnaud Patard <apatard@mandriva.com>
(c) 2009-2010 Arnaldo Carvalho de Melo <acme@redhat.com>
(c) 2009-2012 Realtek Corporation.
(c) 2009,2010 Dick Streefland <dick@streefland.net>
(c) 2009, Tom Zanussi <tzanussi@gmail.com>
(c) 2009, Shen Feng <shen@cn.fujitsu.com>
(c) 2009 Shen Feng <shen@cn.fujitsu.com>
(c) 2009 Realtek Semiconductor Corp. All rights reserved.
(c) 2008-2009 NetApp. All Rights Reserved.
(c) 2009 Kristoffer Ericson <kristoffer.ericson@gmail.com>
(c) 2009 IBM Corp.
(c) 2009 Gerd Hoffmann <kraxel@redhat.com>
(c) 2006-2009 Atheros Corporation. All rights reserved.
(c) 2008-2014 Cliff Wickman <cpw@sgi.com>, SGI.
(c) 2005-2011 Mauro Carvalho Chehab <mchehab@infradead.org>
(c) 2008-2011 Manuel Lauss <manuel.lauss@googlemail.com>
(c) 2008-2010 Andy Whitcroft <apw@canonical.com>
(c) 2007-2008 , RealTEK Technology Inc. All Right Reserved.
(c) 2008 Wind River Systems, Inc.
(c) 2008 Steven Toth <stoth@linuxtv.org>
(c) 2008 Red Hat, Inc. All rights reserved.
(c) 2008 Peter W. Morreale <pmorreale@novell.com>
(c) 2008 Mike Christie
(c) 2008 Manuel Lauss <mano@roarinelk.homelinux.net>
(c) 2008 Devin Heitmueller <devin.heitmueller@gmail.com>
(c) 2008 Daniel Mack <daniel@caiaq.de>
(c) 2008 Alexey Starikovskiy <astarikovskiy@suse.de>
(c) 2008 Aidan Thornton <makosoft@googlemail.com>
(c) 2007-2013 Realtek Corporation. All rights reserved.
(c) 2008 - 2010 Realsil Semiconductor Corporation.
(c) 2005-2012 Patrick McHardy <kaber@trash.net>
(c) 2005-2008 Mauro Carvalho Chehab
(c) 2007-2008 MSC Vertriebsges.m.b.H., Manuel Lauss <manuel.lauss@gmail.com>
(c) 2007,2008, Andy Whitcroft <apw@uk.ibm.com>
(c) 2007, Joe Perches <joe@perches.com>
(c) 2007 Yuri Tikhonov <yur@emcraft.com>
(c) 2007 Trent Piepho <xyzyzy@speakeasy.org>
(c) 2007 Timur Tabi <timur at freescale.com>, Freescale Semiconductor
(c) 2007 Network Appliance, Inc. All Rights Reserved.
(c) 2004-2007 MontaVista Software, Inc
(c) 2007 Michal Januszewski <spock@gentoo.org>.
(c) 2006-2007 Mauro Carvalho Chehab, <mchehab@infradead.org>
(c) 2007 Guido Guenther <agx@sigxcpu.org>
(c) 2007 Gerd Hoffmann <kraxel@suse.de>
(c) 2007 Dmitry Baryshkov
(c) 2006-2008 Chris Snook <csnook@redhat.com>
(c) 2006-2007 Ondrej Zajicek <santiago@crfreenet.org>
(c) 2006 Wolfson Microelectronics PLC. Graeme Gregory graeme.gregory@wolfsonmicro.com
or linux@wolfsonmicro.com
(c) 2006 Ted Walther and John Sokol

(c) 2006 Keith Bennett <keith@mcs.st-and.ac.uk>
(c) 2006 Edgar Hucek <gimli@dark-green.com>
(c) 2006 Bob Copeland <me@bobcopeland.com>
(c) 2006 Andrew de Quincey
(c) 2006 - 2008 Jay Cliburn <jcliburn@gmail.com>
(c) 2003-2015 Advanced Micro Devices, Inc.
(c) 2005-2011 by Mauro Carvalho Chehab.
(c) 2005-2008 MSC Vertriebsges.m.b.H, Manuel Lauss <mlau@msc-ge.com>
(c) 2005-2006 Nickolay V. Shmyrev <nshmyrev@yandex.ru>
(c) 2005-2006 Chris Humbert
(c) 2005,2006 Ricardo Cerqueira <v4l@cerqueira.org>
(c) 2005, Joel Schopp <jschopp@austin.ibm.com>
(c) 2005 Thibaut VARENE <varenet@parisc-linux.org>
(c) 2005 Ian Molton <spyro@f2s.com>
(c) 2005 Hans J. Koch
(c) 2005 Dirk Opfer
(c) 2005 Benjamin Herrenschmidt, IBM Corp.
(c) 2005 Benjamin Herrenschmidt <benh@kernel.crashing.org>, IBM Corp.
(c) 2005 Becky Bruce <becky.bruce@freescale.com>, Freescale Semiconductor.
(c) 2005 - 2006 Attansic Corporation. All rights reserved.
(c) 2004-2005 Simtec Electronics.
(c) 2004, Dave Jones, Red Hat Inc.
(c) 2004-2005 Daniel Drake <dsd@gentoo.org>
(c) 2004-2005 Chris Pascoe <c.pascoe@itee.uq.edu.au>
(c) 2004 Olivier Gournet <ogournet@anevia.com> & Andrew de Quincey
<adq_dvb@lidskialf.net>
(c) 2004 Mickael Hoerdt, <hoerdt@clarinet.u-strasbg.fr> LSIIIT Laboratory, Strasbourg, France
(c) 2004 Jelle Foks <jelle@foks.us>
(c) 2004 Jean-Philippe Andriot, <jean-philippe.andriot@6WIND.com> 6WIND, Paris, France
(c) 2003-2004 Gerd Knorr <kraxel@bytesex.org> [SuSE Labs]
(c) 2003-2009 Alan Stern (stern@rowland.harvard.edu)
(c) 2001-2003 -04 Gerd Knorr <kraxel@bytesex.org> [SuSE Labs]
(c) 2003,2004 Joerg Albert <joerg.albert@gmx.de>
(c) 2003, 2004 Andrew de Quincey & Robert Schlabach
(c) 2003 Manfred Spraul <manfred@colorfullife.com> Further wakeup optimizations,
documentation
(c) 2003 Benjamin Herrenschmidt <benh@kernel.crashing.org> Armin Kuster
<akuster@mvista.com> Johnnie Peters <jpeters@mvista.com>
(c) 2002,2003 Andi Kleen, SuSE Labs.
(c) 2002 Thomas Kreiling.
(c) 2002 Simon Munton
(c) 2000-2002 Manfred Spraul
(c) 2002 Andries Brouwer.
(c) 2002 Alan Stern <stern@rowland.org>
(c) 2001-2004 FarSite Communications Ltd.
(c) 1998-2002 Petr Vandrovec <vandrove@vc.cvut.cz>
(c) 2001-2002 Denis Oliver Kropp <dok@directfb.org>
(c) 2001-2002 Denis Oliver Kropp <dok@convergence.de>
(c) 2001-2002 Andrey Ulanov <drey@rt.mipt.ru>
(c) 2000-2001 -03 Gerd Knorr <kraxel@bytesex.org> [SuSE Labs]
(c) 2001,02 Gerd Knorr <kraxel@bytesex.org> [SuSE Labs]
(c) 2001, Dave Jones.
(c) 2001 Thomas Gleixner, autronix automation <gleixner@autronix.de>
(c) 2001 Red Hat Inc Lockless wakeup
(c) 2001 Micro Solutions Inc.

(c) 2001 Lineo, Inc.
 (c) 2001 Daniel Phillips
 (c) 2000-2004 Omnikey AG.
 (c) 2000-2004 Axis Communications.
 (c) 2000-2002 Matthew Dharm
 (c) 1997-2002 Gerd Knorr <kraxel@bytesex.org>
 (c) 2000, 2001 Robert Baruch (autophile@starband.net)
 (c) 2000 Yggdrasil Computing, Inc.
 (c) 2000 Stephen J. Gowdy (SGowdy@lbl.gov)
 (c) 2000 Stephane Alnet
 (c) 2000 Justin Schoeman <justin@suntiger.ee.up.ac.za>
 (c) 2000 Jorge Nerin <comandante@zaralinux.com>
 (c) 2000 Jimmie Mayfield (mayfield+datafab@sackheads.org)
 (c) 2000 Interlan Communications
 (c) 2000 Grant Grundler
 (c) 2000 David L. Brown, Jr. (usb-storage@davidb.org)
 (c) 2000 Crutcher Dunnivant <crutcher+kernel@datastacks.com>
 (c) 2000 Adam J. Richter (adam@yggdrasil.com), Yggdrasil Computing, Inc.
 (c) 1999-2003 Matthew Dharm (mdharm-usb@one-eyed-alien.net)
 (c) 1999--2000 Martin Mares <mj@ucw.cz>
 (c) 1999, Multiple IO-APIC support.
 (c) 1999, 2000, 2009 Ingo Molnar <mingo@redhat.com>
 (c) 1999, 2000 Matthew Dharm (mdharm-usb@one-eyed-alien.net)
 (c) 1999 Terrehon Bowden <terrehon@pacbell.net> Bodo Bauer <bb@ricochet.net>
 (c) 1999 Michael Gee (michael@linuxspecific.com)
 (c) 1999 Martin Mares <mj@ucw.cz>
 (c) 1999-1999 Dragos Acostachioaie <dragos@iname.com>
 (c) 1999 Dave S. Miller.
 (c) 1999 Ben Pfaff <pfaffben@debian.org> and Petr Vandrovec <VANDROVE@vc.cvut.cz>
 (c) 1999 Axis Communications AB, Lund, Sweden
 (c) 1998-99, 2000, 2009 Ingo Molnar <mingo@redhat.com>
 (c) 1998-99, 2000 Ingo Molnar <mingo@redhat.com>
 (c) 1998-1999 Precision Insight, Inc., Cedar Park, Texas.
 (c) 1998, 1999, Rik van Riel <riel@nl.linux.org>
 (c) 1998, 1999, 2000, 2009 Ingo Molnar <mingo@redhat.com>
 (c) 1998, 1999 Philip Blundell
 (c) 1998 by Greg Alexander
 (c) 1998 San Mehat (CCC).
 (c) 1998 Ingo Molnar
 (c) 1998 Grant R. Guenther <grant@torque.net>
 (c) 1998 Gerd Knorr <kraxel@goldbach.in-berlin.de>
 (c) 1998 Gerd Knorr
 (c) 1997-8 Grant R. Guenther <grant@torque.net>
 (c) 1996 Hans-Joachim Widmaier.
 (c) 1995-2004 Russell King
 (c) 1995-1998 E.M. Serrat emserrat@geocities.com
 (c) 1995,1996 Grant R. Guenther, grant@torque.net.
 (c) 1995,1996 Christian Vogelgsang.
 (c) 1995 Alan Cox.
 (c) 1995 Alan Cox, CymruNET Ltd <alan@cymru.net>
 (c) 1995 Alan Cox, <alan@lxorguk.ukuu.org.uk>
 (c) 1995 Alan Cox, <alan@lxorguk.ukuu.org.uk>
 (c) 1993-96 Michael Neuffer mike@i-Connect.Net , neuffer@mail.uni-mainz.de
 (c) 1993 Tommy Frandsen.
 (c) 1993 Guido ten Dolle PE1NNZ

(C) MontaVista Software Inc, 2006
 (C) Linux Foundation 2008-2013.
 (C) Jens Axboe <jens.axboe@oracle.com> 2008
 (C) INESC 1999
 (C) INESC 1998
 (C) Copyright TOSHIBA CORPORATION 2005-2007
 (C) Copyright TOSHIBA CORPORATION 2004-2007 All Rights Reserved.
 (C) Copyright TOSHIBA CORPORATION 2004-2006
 (C) Copyright TOSHIBA CORPORATION 2000-2001, 2004-2007
 (C) Copyright Randy Dunlap 2000
 (C) Copyright Linus Torvalds 1999
 (C) Copyright Linaro Limited 2015.
 (C) Copyright Linaro 2013-2015 .
 (C) Copyright Koninklijke Philips Electronics NV 2004. All rights reserved.
 (C) Copyright Johannes Erdfelt 1999-2001
 (C) Copyright IBM Deutschland Entwicklung GmbH 2007
 (C) Copyright IBM Deutschland Entwicklung GmbH 2006
 (C) Copyright IBM Deutschland Entwicklung GmbH 2005-2007
 (C) Copyright IBM Corporation 2006. Author : Ram Pai (linuxram@us.ibm.com)
 (C) Copyright IBM Corporation 2005. Author : Ram Pai (linuxram@us.ibm.com)
 (C) Copyright IBM Corporation 2005.
 (C) Copyright IBM Corporation 1994, 2003 Authors: Colin DeVilbiss (devilbis@us.ibm.com)
 Santiago Leon (santil@us.ibm.com) Dave Boutcher (sleddog@us.ibm.com)
 (C) Copyright IBM Corp. 2013
 (C) Copyright IBM Corp. 2007 - Joy Latten <latten@us.ibm.com>
 (C) Copyright IBM Corp. 2005
 (C) Copyright IBM Corp. 2004,2005 All Rights Reserved.
 (C) Copyright IBM Corp. 2002, 2004
 (C) Copyright IBM Corp. 1994, 2002.
 (C) Copyright IBM 2015
 (C) Copyright IBM 2014
 (C) Copyright IBM 2012.
 (C) Copyright IBM 2005
 (C) Copyright IBM 2004, 2005, 2006, 2012
 (C) Copyright Gregory P. Smith 1999
 (C) Copyright Greg Kroah-Hartman 2002-2003
 (C) Copyright Deti Fliegl 1999 (new USB architecture)
 (C) Copyright Deti Fliegl 1999
 (C) Copyright David Gibson, IBM Corporation 2001-2003.
 (C) Copyright David Gibson, IBM Corp. 2001-2003.
 (C) Copyright David Brownell 2000-2004
 (C) Copyright David Brownell 2000-2002
 (C) Copyright AudioScience Inc. 2007
 (C) Copyright Andreas Gal 1999
 (C) Copyright Al Viro 2000, 2001.
 (C) Copyright 2015 Intel Corp.
 (C) Copyright 2008-2015 Intel Corporation
 (C) Copyright 2014, 2015 Linaro Ltd. Author: Ashwin Chaugule <ashwin.chaugule@linaro.org>
 (C) Copyright 2014 Valentin Longchamp, Keymile AG, valentin.longchamp@keymile.com
 (C) Copyright 2014 Intel Corporation Author: David Cohen <david.a.cohen@linux.intel.com>
 (C) Copyright 2014 David Mosberger-Tang <davidm@egauge.net>
 (C) Copyright 2014 - 2015, Xilinx, Inc.
 (C) Copyright 2000-2015 Hewlett-Packard Development Company, L.P.
 (C) Copyright 2013-2014 Red Hat, Inc.
 (C) Copyright 2013-2014 O2S GmbH <www.o2s.ch>

(C) Copyright 2013-2014 Hans de Goede <hdegoede@redhat.com>
 (C) Copyright 2013-2014 David Lanzendrfer <david.lanzendoerfer@o2s.ch>
 (C) Copyright 2013-2015 Linaro Limited.
 (C) Copyright 2013 Intel Corporation Author: Sathyanarayanan Kuppuswamy
 <sathyanarayanan.kuppuswamy@intel.com>
 (C) Copyright 2013 IBM Corporation
 (C) Copyright 2012 by Wolfram Sang
 (C) Copyright 2012 Intel Corporation Author: Dirk Brandewie <dirk.j.brandewie@intel.com>
 (C) Copyright 2011~2014 Bosch Sensortec GmbH All Rights Reserved
 (C) Copyright 2010-2013 Datera, Inc.
 (C) Copyright 2002-2012 IBM Corp.
 (C) Copyright 2010, Tobias Klauser <tklauser@distanz.ch>
 (C) Copyright 2010 Dirk Eibach, Guntermann & Drunck GmbH <eibach@gdsys.de>
 (C) Copyright 2009-2010 Nokia Siemens Networks, michael.lawnick.ext@nsn.com
 (C) Copyright 2009 Marvell International Ltd. All Rights Reserved
 (C) Copyright 2008-2010,2015 Intel Corporation Author: Sreedhara DS
 (sreedhara.ds@intel.com)
 (C) Copyright 2008-2010 Intel Corporation Author: Sreedhara DS (sreedhara.ds@intel.com)
 (C) Copyright 2008, Thomas Chou <thomas@wytron.com.tw>
 (C) Copyright 2008-2012 Intel Corporation Author: Jacob Pan (jacob.jun.pan@intel.com).
 (C) Copyright 2008 Stefano Babic, DENX Software Engineering, sbabic@denx.de.
 (C) Copyright 2008 Glauber Costa
 (C) Copyright 2007-2011 Reuimlla Technology Co., Ltd.
 (C) Copyright 2007-2011 Aaron Maoye <leafy.myeh@reuimllatech.com>
 (C) Copyright 2006-2008 TOSHIBA CORPORATION
 (C) Copyright 2007, Axis Communications, Hans-Peter Nilsson (hp@axis.com)
 (C) Copyright 2007, ATRON electronic GmbH, Jan Nikitenko <jan.nikitenko@gmail.com>
 (C) Copyright 2007, 2009 Tiago Vignatti <vignatti@freedesktop.org>
 (C) Copyright 2007, 2008 Dmitry Baryshkov <dbaryshkov@gmail.com>
 (C) Copyright 2007 Texas Instruments Karthik Dasu <karthik-dp@ti.com>
 (C) Copyright 2007 Rodolfo Giometti <giometti@enneenne.com>
 (C) Copyright 2007 Paulo R. Zanon <przanoni@gmail.com>
 (C) Copyright 2006-2007 Novell Inc.
 (C) Copyright 2006-2007, David Brownell
 (C) Copyright 2002-2006 Red Hat Inc, All Rights Reserved.
 (C) Copyright 2005, Intec Automation, Mike Lavender (mike@steroidmicros)
 (C) Copyright 2005 Greg Kroah-Hartman <gregkh@suse.de>
 (C) Copyright 2005 Christoph Lameter, Silicon Graphics, Inc.
 (C) Copyright 2005 Chris Humbert <mahadri-usb@drigon.com>
 (C) Copyright 2005 Benjamin Herrenschmidt <benh@kernel.crashing.org>
 (C) Copyright 2005 Andi Kleen
 (C) Copyright 2004-2007 Alan Stern, stern@rowland.harvard.edu
 (C) Copyright 2004 Texas Instruments, Richard Woodruff <r-woodruff2@ti.com>
 (C) Copyright 2004 Texas Instruments, Richard Woodruff <r-woodruff2@ti.com>
 (C) Copyright 2004 Silicon Graphics, Inc. Jesse Barnes <jbarnes@sgi.com>
 (C) Copyright 2004 Lineo Solutions, Inc.
 (C) Copyright 2004 Jon Smirl <jonsmirl@yahoo.com>
 (C) Copyright 2003-2007, Greg Ungerer <gerg@uclinux.org>
 (C) Copyright 2003-2009 , Greg Ungerer <gerg@snapgear.com>
 (C) Copyright 2003, 2004 Jamie Lokier
 (C) Copyright 2003 Matthew Wilcox
 (C) Copyright 2003 Hewlett-Packard
 (C) Copyright 2002-2015 Yoshinori Sato <ysato@users.sourceforge.jp>
 (C) Copyright 2002-2004 by David Brownell All Rights Reserved.
 (C) Copyright 2002,2004,2006 Greg Kroah-Hartman

(C) Copyright 2002,2004 IBM Corp.
 (C) Copyright 2002,2004 Greg Kroah-Hartman
 (C) Copyright 2002 Christoph Hellwig
 (C) Copyright 2002 Alan Cox <alan@lxorguk.ukuu.org.uk>
 (C) Copyright 2001-2006 Alex Zeffertt, Cambridge Broadband Ltd,
 ajz@cambridgebroadband.com.
 (C) Copyright 2001-2002, SnapGear.
 (C) Copyright 2001, 2002 Rusty Russell IBM Corporation.
 (C) Copyright 2001 Brad Hards (bhard@bigpond.net.au)
 (C) Copyright 1999-2005 , Greg Ungerer (gerg@snapgear.com)
 (C) Copyright 2000-2005 David Brownell
 (C) Copyright 2000-2004 David Brownell <dbrownell@users.sourceforge.net>
 (C) Copyright 2000-2001, Lineo.
 (C) Copyright 2000 Yggdrasil Computing, Inc.
 (C) Copyright 2000 STMicroelectronics
 (C) Copyright 2000 Oliver Neukum <Oliver.Neukum@lrz.uni-muenchen.de>
 (C) Copyright 2000 John Fremlin <vii@penguinpowered.com>
 (C) Copyright 1999-2000 Scott J. Bertin
 (C) Copyright 1999-2000 Peter Pregler
 (C) Copyright 1999-2000 Johannes Erdfelt <johannes@erdfelt.com>
 (C) Copyright 1999,2000 Thomas Sailer <sailer@ife.ee.ethz.ch>
 (C) Copyright 1999, Axis Communications AB, LUND, SWEDEN
 (C) Copyright 1994-2005 Linus Torvalds
 (C) Copyright 1999 Roman Weissgaerber <weissg@vienna.at>
 (C) Copyright 1999 Linus Torvalds]
 (C) Copyright 1999 Johannes Erdfelt
 (C) Copyright 1999 Deti Fliegl (new USB architecture)
 (C) Copyright 1998, 1999 Axis Communications AB, LUND, SWEDEN
 (C) Copyright 1997-1998 DAVICOM Semiconductor, Inc. All Rights Reserved.
 (C) Copyright 1997 Thomas Schoebel-Theuer.
 (C) Copyright 1995 1996, 2014 Linus Torvalds
 (C) Copyright 1995 1996 Linus Torvalds
 (C) Copyright 1994 - 1997 Marco van Wieringen
 (C) Copyright (C) 2002 Greg Kroah-Hartman <greg@kroah.com>
 (C) Copyright (C) 2000-2001 Hugh Blemings <hugh@blemings.org>
 (C) Architecture Software Developer's Manual
 (C) Alex Holden " alex@linuxhacker.org" 1998.
 (C) 2015 by Il Han <corone.il.han@gmail.com>
 (C) 2015 Pengutronix, Alexander Aring <aar@pengutronix.de>
 (C) 2015 Borislav Petkov <bp@alien8.de>
 (C) 2014 Intel Corp., Rafael J. Wysocki <rafael.j.wysocki@intel.com>
 (C) 2013 Viresh Kumar <viresh.kumar@linaro.org>
 (C) 2013 Daniel Borkmann <dborkman@redhat.com>
 (C) 2005-2013 by Pablo Neira Ayuso <pablo@netfilter.org>
 (C) 2012 by Vyatta Inc.
 (C) 2012 by Lemonage GmbH Author: Lars Poeschel <poeschel@lemonage.de> All rights reserved.
 (C) 2012 Wolfram Sang, Pengutronix
 (C) 2012 Michel Lespinasse <walken@google.com>
 (C) 2011 The Chromium OS Authors
 (C) 2005-2012 Patrick McHardy <kaber@trash.net>
 (C) 2011 Pablo Neira Ayuso <pablo@netfilter.org>
 (C) 2011 Linux Foundation, Christoph Lameter
 (C) 2011 Linaro Limited. All rights reserved. Author: Sumit Semwal <sumit.semwal@ti.com>
 (C) 2011 Intra2net AG.

(C) 2011 Hans de Goede <hdegoede@redhat.com>
 (C) 2011 DENX Software Engineering, Anatolij Gustschin <agust@denx.de>
 (C) 2011 - 2014 Srivatsa S. Bhat <srivatsa.bhat@linux.vnet.ibm.com>
 (C) 2010-2011 Corentin Chary <corentin.chary@gmail.com>
 (C) 2010-2011 Thomas Renninger <trenn@suse.de>, Novell Inc.
 (C) 2010 Thomas Renninger <trenn@suse.de>
 (C) 2010 Luotao Fu <l.fu@pengutronix.de> All rights reserved.
 (C) 2010 Intel Corporation.
 (C) 2010 Alan Stern <stern@rowland.harvard.edu>
 (C) 2009-2011 Rafael J. Wysocki <rjw@sisk.pl>, Novell Inc.
 (C) 2009 Uwe Kleine-Koenig, Pengutronix
 (C) 2009 Sascha Hauer, Pengutronix
 (C) 2009 Samsung Electronics Author: Michal Nazarewicz.
 (C) 2009 Jarod Wilson <jarod@wilsonet.com>
 (C) 2009 Daniel Mack <daniel@caiaq.de>
 (C) 2009 Alexander Clouter <alex@digriz.org.uk>
 (C) 2009 - Peter Feuerer peter.
 (C) 2008-2013 Christoph Lameter <cl@linux.com>
 (C) 2008, 2009, 2010, 2011 by Marc Kleine-Budde <kernel@pengutronix.de>
 (C) 2008, 2009 by Marc Kleine-Budde <kernel@pengutronix.de>
 (C) 2008 Vasiliy Leonenko <vasiliy.leonenko@gmail.com>
 (C) 2008 Anatolij Gustschin <agust@denx.de> DENX Software Engineering
 (C) 2007-2011 STMicroelectronics Ltd
 (C) 2007-2010 by Jan Engelhardt <jengelh@medozas.de>
 (C) 2007,2008 Jochen Friedrich <jochen@scram.de>
 (C) 2007 by Sebastian Claßen <sebastian.classen@freenet.ag>
 (C) 2006-2007 by Patrick McHardy <kaber@trash.net>
 (C) 2007 by Hans J. Koch <hjk@hansjkoch.de>
 (C) 2007 Sukadev Bhattiprolu <sukadev@us.ibm.com>, IBM
 (C) 2007 Rodolfo Giometti.
 (C) 2007 Pavel Emelyanov <xemul@openvz.org>, OpenVZ, SWsoft Inc.
 (C) 2007 Montavista Software, Inc. Vitaly Bordug <vitb@kernel.crashing.org>
 (C) 2007 Mike Galbraith <efault@gmx.de>
 (C) 2007 Michel Benoit
 (C) 2007 Laszlo Attila Toth <panther@balabit.hu>
 (C) 2007 Inaky Perez-Gonzalez <inaky@linux.intel.com> Intel Corporation
 (C) 2007 EADS Astrium
 (C) 2007 Dmitry Adamushko <dmitry.adamushko@gmail.com>
 (C) 2007 Bartłomiej Zolnierkiewicz
 (C) 2007 Andrew Victor
 (C) 2006-2009 VIA Technology, Inc.
 (C) 2006-2008 by Openmoko, Inc. Author: Harald Welte <laforge@openmoko.org> Balaji Rao <balajirao@openmoko.org> All rights reserved.
 (C) 2006-2008 Takashi Iwai <tiwai@suse.de>
 (C) 2006-2007, Timesys Corp., Thomas Gleixner.
 (C) 2006-2007 Venkatesh Pallipadi <venkatesh.pallipadi@intel.com> Shaohua Li <shaohua.li@intel.com> Adam Belay <abelay@novell.com>
 (C) 2006-2007 Timesys Corp., Thomas Gleixner
 (C) 2006, Hans J. Koch <hjk@hansjkoch.de>
 (C) 2006, Greg Kroah-Hartman <greg@kroah.com>
 (C) 2006 Timesys Corp., Thomas Gleixner <tglx@timesys.com>
 (C) 2006 Thomas Maier <balagi@justmail.de>
 (C) 2006 Montavista Software.
 (C) 2006 Michael Ellerman, IBM Corp
 (C) 2006 Elan Digital Systems Limited.

(C) 2003-2007 Linux Networx.
 (C) 2005-2007 , Red Hat, Inc., Ingo Molnar
 (C) 2005-2006 Red Hat Inc
 (C) 2005-2006 MontaVista Software, Inc. Vitaly Bordug <vbordug@ru.mvista.com>
 (C) 2002-2006 Harald Welte <laforge@gnumonks.org>
 (C) 2005, Thomas Gleixner <tglx@linutronix.de>
 (C) 2005, Benedikt Spranger <b.spranger@linutronix.de>
 (C) 2005, 2006 Red Hat Inc.
 (C) 2005, 2006 Linux Networx.
 (C) 2005 by Christian Hentschel <chentschel@arnet.com.ar>
 (C) 2005 Thomas Winischhofer.
 (C) 2005 Red Hat Inc Alan Cox <alan@lxorguk.ukuu.org.uk>
 (C) 2005 Red Hat (<http://www.redhat.com>)
 (C) 2005 Nokia Corporation
 (C) 2005 Chuck Lever <cel@netapp.com>
 (C) 2004-2009 Dominik Brodowski <linux@dominikbrodowski.de>
 (C) 2004-2006 Sebastian Witt <se.witt@gmx.net>
 (C) 2004-2006 Luc Saillard (luc@saillard.org)
 (C) 2004 by Bart De Schuymer <bdschuym@pandora.be>
 (C) 2004 Venky Raju(dev@venky.ws)
 (C) 2004 Stefano Mozzi
 (C) 1998-2004 Red Hat
 (C) 2004 Pavel Machek <pavel@ucw.cz>
 (C) 2004 Nadia Yvette Chambers, Oracle
 (C) 2004 Kalev Lember <kalev@smartlink.ee>
 (C) 2004 Intracom, S.A.
 (C) 2004 IBM Corporation by Xenia Tkatschow.
 (C) 2004 Dan Brown <dan_brown@ieee.org>
 (C) 2003-2009 Axis Communications.
 (C) 2003-2005 Netfilter Core Team <coreteam@netfilter.org>
 (C) 2003-2004 Paul Clements, SteelEye Technology
 (C) 2003,2004 USAGI/WIDE Project
 (C) 2003, 2004 Axis Communications AB.
 (C) 2003 by Patrick Mchardy <kaber@trash.net>
 (C) 2003 Venkatesh Pallipadi <venkatesh.pallipadi@intel.com>. Jun Nakajima
 <jun.nakajima@intel.com>
 (C) 2003 Venkatesh Pallipadi <venkatesh.pallipadi@intel.com>.
 (C) 2003 Red Hat, Inc.
 (C) 2003 Jun Nakajima <jun.nakajima@intel.com>
 (C) 2003 IBM Corporation by Martin Schwidefsky.
 (C) 2003 Dave Jones on behalf of SuSE Labs
 (C) 2003 Cornelius Consult.
 (C) 2003 Christoph Jungegger <disdos@traum404.de>
 (C) 2003 Ardis Technologies <roman@ardistech.com>
 (C) 2003 Andreas Gruenbacher <agruen@suse.de>
 (C) 2003 - 2010 Dominik Brodowski
 (C) 2002-2013 Jozsef Kadlec <kadlec@blackhole.kfki.hu>
 (C) 2000-2006 by Harald Welte <laforge@gnumonks.org>
 (C) 2002-2004 Ingo Molnar, Red Hat
 (C) 2002-2003 Nadia Yvette Chambers, IBM
 (C) 2002 by Brian J. Murrell <netfilter@interlinx.bc.ca>
 (C) 2002 Zwane Mwaikambo <zwane@commfireservices.com>
 (C) 2002 Tora T. Engstad All Rights Reserved
 (C) 2002 Samuel Chessman
 (C) 2002 Oliver Neukum

(C) 2002 Louis Zhuang <louis.zhuang@intel.com>. 2007 Alexander Eichner 2008 Pekka Paalanen <pq@iki.fi>
 (C) 2002 Hiroshi Miura <miura@da-cha.org> All Rights Reserved
 (C) 2002 Hirokazu Takahashi <taka@valinux.co.jp>
 (C) 2002 David Woodhouse <dwmw2@infradead.org>
 (C) 2002 David S. Miller.
 (C) 2002 Atom Create Engineering Co., Ltd.
 (C) 2002 Arjan van de Ven <arjanv@redhat.com>
 (C) 2001-2002 Andreas Gruenbacher, <a.gruenbacher@computer.org>
 (C) 2002 Alan Stern <stern@rowland.org>
 (C) 2002-2004 Dominik Brodowski <linux@brodo.de>
 (C) 2001-2002 Björn Stenberg (bjorn@haxx.se)
 (C) 2001, 2002, 2003, 2004 Rusty Russell
 (C) 2001 by Jay Schulist <jschlst@samba.org>
 (C) 2001 San Mehat <netzwerk@valinux.com>
 (C) 2001 NeilBrown <neilb@cse.unsw.edu.au>
 (C) 2001 Johannes Erdfelt <jerdfelt@valinux.com>
 (C) 2001 IBM Corporation by Fritz Elfert (felfert@millenux.com)
 (C) 2001 IBM Corp. by Fritz Elfert (felfert@millenux.com)
 (C) 2001 Brad Hards
 (C) 2001 - 2013 Tensilica Inc.
 (C) 2000-2006 Netfilter Core Team.
 (C) 2000-2005 by Harald Welte <laforge@netfilter.org>
 (C) 2000-2002 James Morris <jmorris@intercode.com.au>
 (C) 2000-2001 Felix Domke (tmbinc@gmx.net), Gillem (htoa@gmx.net)
 (C) 2000 by R.E.Wolff@BitWizard.
 (C) 2000 by Matthew G. Marsh <mgm@paktronix.com>
 (C) 2000 Nicolas Pitre <nico@fluxnic.net>
 (C) 2000 Milan Pikula.
 (C) 2000 Lineo Inc.
 (C) 2000 In-System Design, Inc. (support@in-system.com)
 (C) 2000 David Brown <usb-storage@davidb.org>
 (C) 2000 ChyGwyn Limited.
 (C) 1999-2000 Andrea Arcangeli <andrea@suse.de>
 (C) 1999-2004 Nemosoft Unv.
 (C) 1999-2001 Torben Mathiasen
 (C) 1999-2001 Paul 'Rusty' Russell
 (C) 1999-2001 Marc Boucher <marc@mbsi.ca>
 (C) 1999-2000 Yon Uriarte <yon@astaro.de>
 (C) 1999-2000 Stelias Computing Inc.
 (C) 1999, 2000, 05, 06 Ralf Baechle (ralf@linux-mips.org)
 (C) 1999, 2000 Silicon Graphics, Inc.
 (C) 1999 by Joshua M. Thompson (funaho@jurai.org)
 (C) 1999 Ulf Carlsson (ulfc@thepuffingruop.com)
 (C) 1999 Trond Myklebust <trond.myklebust@fys.uio.no>
 (C) 1999 Rusty Russell (rusty@rustcorp.com.au).
 (C) 1999 Rt-Control, Inc
 (C) 1999 Helge Deller <deller@gmx.de>
 (C) 1999 David A. Hinds
 (C) 1999 Dave Airlie, University of Limerick, Ireland <airlied@linux.ie>
 (C) 1999 Benjamin Reed. All Rights Reserved.
 (C) 1998-2004 Ben Fennema
 (C) 1996-2000 Thomas Sailer.
 (C) 1998-1999 Dave Boynton
 (C) 1998,1999 Kenneth Albanowski, D. Jeff Dionne

(C) 1998 Thomas Bogendoerfer (tsbogend@alpha.franken.de)
(C) 1998 Stephen Tweedie
(C) 1998 Krzysztof G. Baranowski
(C) 1998 James Banks
(C) 1997-1998 Caldera, Inc.
(C) 1997 Thomas Schoebel-Theuer, with heavy changes by Linus Torvalds
(C) 1997 M. Kirkwood .
(C) 1991-1997 Linus Torvalds
(C) 1997 Carnegie Mellon University
(C) 1996-1998 by Thomas Sailer.
(C) 1996, Peter J. Braam
(C) 1996 Miguel de Icaza
(C) 1995-2003 Linux DECnet Project Team.
(C) 1994-2001 Russell King
(C) 1995 David S. Miller (davem@caip.rutgers.edu)
(C) 1994, 1995, 1996, 1997 Russell King
(C) 1993, Hamish Macdonald
(C) 1993-1993 Ray Burr
(C) 1992, 1993 Brad McLean.
(C) 1992, 1993 Linus Torvalds, (C) 1997 Ingo Molnar
(C) 1992-1993 Eric Youngdale
(C) 1991, 1992 by Linus Torvalds

1.40.2 Acknowledgements

This file may be licensed under GPL-2.0 or Artistic-1.0-Perl. In this context Artistic-1.0-Perl has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0.

This file may be licensed under OSL-1.1 License or GPL-2.0. In this context GPL-2.0 has been chosen. This shall not restrict the freedom of future contributors to choose OSL-1.1., This file may be licensed under Apache-2.0 License or GPL-2.0. In this context GPL-2.0 has been chosen. This shall not restrict the freedom of future contributors to choose Apache-2.0.

This file can be licensed under X11 or GPL-2.0+. In this case the X11 has been chosen. This shall not restrict the freedom of future users to choose X11 or GPL-2.0+.

The original authors have disclaimed all copyright interest in this code and thus put it in the public domain. The subsequent authors have put this under the GNU General Public License.

The original authors have disclaimed all copyright interest in this code and thus put it in the public domain. The subsequent authors have put this under the GNU General Public License.

The original authors have disclaimed all copyright interest in this code and thus put it in the public domain. The subsequent authors have put this under the GNU General Public License.

The original authors have disclaimed all copyright interest in this code and thus put it in the public domain. The subsequent authors have put this under the GNU General Public License.

The original authors have disclaimed all copyright interest in this code and thus put it in the public domain. The subsequent authors have put this under the GNU General Public License.

The original authors have disclaimed all copyright interest in this code and thus put it in the public domain. The subsequent authors have put this under the GNU General Public License.

The original authors have disclaimed all copyright interest in this code and thus put it in the public domain. The subsequent authors have put this under the GNU General Public License.

This file may be licensed under Permission Notice or GPL-2.0 In this context Permission Notice has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under LGPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice. This shall not restrict the freedom of future contributors to choose LGPL-2.0., This file may be licensed under GPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice This shall not restrict the freedom of future contributors to choose GPL-2.0.

This file may be licensed under Permission Notice or GPL-2.0 In this context Permission Notice has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under LGPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice. This shall not restrict the freedom of future contributors to choose LGPL-2.0., This file may be licensed under GPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice This shall not restrict the freedom of future contributors to choose GPL-2.0.

This file may be licensed under Permission Notice or GPL-2.0 In this context Permission Notice has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under LGPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice. This shall not restrict the freedom of future contributors to choose LGPL-2.0., This file may be licensed under GPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice This shall not restrict the freedom of future contributors to choose GPL-2.0.

This file may be licensed under Permission Notice or GPL-2.0 In this context Permission Notice has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under LGPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice. This shall not restrict the freedom of future contributors to choose LGPL-2.0., This file may be licensed under GPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice This shall not restrict the freedom of future contributors to choose GPL-2.0.

This file may be licensed under Permission Notice or GPL-2.0 In this context Permission Notice has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under LGPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice. This shall not restrict the freedom of future contributors to choose LGPL-2.0., This file may be licensed under GPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice This shall not restrict the freedom of future contributors to choose GPL-2.0.

This file may be licensed under Permission Notice or GPL-2.0 In this context Permission Notice has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under LGPL-2.0 or can be captured as permission notice. In this context it has been captured as permission notice. This shall not restrict the freedom of future contributors to choose LGPL-2.0., This file may be licensed under GPL-2.0 or can be captured

This file may be licensed under BSD-style License or GPL-2.0. In this context BSD-style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-style License or GPL-2.0. In this context BSD-style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-style License or GPL-2.0 or later. In this context BSD-style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-Style or GPL-2.0 or later. In this context BSD-Style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-Style License or GPL-2.0 or later. In this context BSD-Style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file can be licensed under BSD-style or GPL-2.0 or later. In this case BSD-style has been chosen. This shall not restrict the freedom of future users to choose GPL-2.0 or later.

This file may be licensed under BSD-style License or GPL-2.0. In this context BSD-style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-style License or GPL-2.0. In this context BSD-style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-style License or GPL-2.0 or later. In this context BSD-style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-Style or GPL-2.0 or later. In this context BSD-Style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-Style License or GPL-2.0 or later. In this context BSD-Style has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file can be licensed under BSD-style or GPL-2.0 or later. In this case BSD-style has been chosen. This shall not restrict the freedom of future users to choose GPL-2.0 or later.

page 702/1401

GPL-2.0 or later., This file can be licensed under BSD-style or GPL-2.0 or later. In this case BSD-style has been chosen. This shall not restrict the freedom of future users to choose GPL-2.0 or later.

This file may be licensed under BSD-3-Clause_Intel or GPL-2.0, in this context BSD-3-Clause_Intel has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause_Intel or GPL-2.0, This file may be licensed under BSD-3-Clause_Intel or GPL v2, in this context BSD-3-Clause_Intel has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause_Intel or GPL-2.0., This file may be licensed under BSD-3-Clause_Intel License or GPL-2.0. In this context BSD-3-Clause_Intel has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file can be licensed under BSD-3-Clause_Intel or GPL-2.0. In this case the BSD-3-Clause_Intel has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause_Intel or GPL-2.0.

This file can be licensed under BSD-3-Clause-Clear or GPL-2.0+. In this case the BSD-3-Clause-Clear has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause-Clear or GPL-2.0+.

This file may be licensed under BSD-3-Clause(Author) or GPL-2.0. In this context BSD-3-Clause(Author) has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause(Author) or GPL-2.0 In this context BSD-3-Clause(Author) has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-3-Clause(Author) or GPL v2 or later, in this context BSD-3-Clause(Author) has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause(Author) or GPL-2.0+., This file may be licensed under BSD-3-Clause(Author) License or GPL-2.0. In this context BSD-3-Clause(Author) has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file can be licensed under BSD-3-Clause(Author) or GPL-2.0. In this case the BSD-3-Clause(Author) has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause(Author) or GPL-2.0.

This file may be licensed under BSD-3-Clause or GPL-2.0. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause or GPL-2.0 or later. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-3-Clause or GPL-2.0 or later, in this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause or GPL-2.0 or later., This file may be licensed under BSD-3-Clause or GPL v2 or later, in this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause or GPL-2.0+., This file may be licensed under BSD-3-Clause License or GPL-2.0. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause License or GPL-2.0. In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause License or GPL-2.0 or later. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file can be licensed under BSD-3-Clause or GPL-2.0. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0., This file can be licensed under BSD-3-Clause or GPL-2.0. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0., This file can be licensed under BSD-3-Clause or GPL-2.0+. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0+., This file can be licensed under BSD-3-Clause or GPL-2.0 or later. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future

not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause License or GPL-2.0. In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause License or GPL-2.0 or later. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file can be licensed under BSD-3-Clause or GPL-2.0. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0., This file can be licensed under BSD-3-Clause or GPL-2.0. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0., This file can be licensed under BSD-3-Clause or GPL-2.0+. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0+, This file can be licensed under BSD-3-Clause or GPL-2.0 or later. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose GPL-2.0 or any later., This file can be licensed under BSD-3-Clause or GPL-2.0 or later. In this case BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose GPL-2.0 or later., Licensed under the Clear BSD license or GPL-2 (or later).

This file may be licensed under BSD-3-Clause or GPL-2.0. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause or GPL-2.0 or later. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-3-Clause or GPL-2.0 or later, in this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause or GPL-2.0 or later., This file may be licensed under BSD-3-Clause or GPL v2 or later, in this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause or GPL-2.0+, This file may be licensed under BSD-3-Clause License or GPL-2.0. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause License or GPL-2.0. In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-3-Clause License or GPL-2.0 or later. In this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file can be licensed under BSD-3-Clause or GPL-2.0. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0., This file can be licensed under BSD-3-Clause or GPL-2.0. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0., This file can be licensed under BSD-3-Clause or GPL-2.0+. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-3-Clause or GPL-2.0+, This file can be licensed under BSD-3-Clause or GPL-2.0 or later. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose GPL-2.0 or any later., This file can be licensed under BSD-3-Clause or GPL-2.0 or later. In this case BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose GPL-2.0 or later., Licensed under the Clear BSD license or GPL-2 (or later).

This file may be licensed under BSD-2-Clause-Author-variant License or GPL-2.0. In this context BSD-2-Clause-Author-variant has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0.

This file may be licensed under BSD-2-Clause or GPL v2, in this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-2-Clause or GPL-2.0., This file may be licensed under BSD-2-Clause License or GPL-2.0. In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-2-Clause License or

GPL-2.0 or later. In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-2-Clause License or GPL-2.0 In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file can be licensed under BSD-2-Clause or GPL-2.0. In this case the BSD-2-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-2-Clause or GPL-2.0., This file can be licensed under BSD-2-Clause or GPL-2.0. In this case the BSD-2-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-2-Clause or GPL-2.0.

This file may be licensed under BSD-2-Clause or GPL v2, in this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-2-Clause or GPL-2.0., This file may be licensed under BSD-2-Clause License or GPL-2.0. In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file may be licensed under BSD-2-Clause License or GPL-2.0 or later. In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0 or later., This file may be licensed under BSD-2-Clause License or GPL-2.0 In this context BSD-2-Clause has been chosen. This shall not restrict the freedom of future contributors to choose GPL-2.0., This file can be licensed under BSD-2-Clause or GPL-2.0. In this case the BSD-2-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-2-Clause or GPL-2.0., This file can be licensed under BSD-2-Clause or GPL-2.0. In this case the BSD-2-Clause has been chosen. This shall not restrict the freedom of future users to choose BSD-2-Clause or GPL-2.0.

1.40.3 Licenses

1.40.3.1 **GPL-2.0**

GNU General Public License, version 2
What to do if you see a possible GPL violation
Translations of the GPL
GPL Frequently Asked Questions
The GNU General Public License (GPL) in plain text format
The GNU General Public License (GPL) in Texinfo format
The GNU General Public License (GPL) in LaTeX format
The GNU General Public License (GPL) as an appendix in DocBook format
Table of Contents

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.40.3.2 GPL-2.0

Linux kernel is released under GNU GPL version 2 and is therefore Free Software as
defined by the Free Software Foundation. You may read the entire copy of the license
in the COPYING file distributed with each release of the Linux kernel.

1.40.3.3 Zlib

zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.2, October 3rd, 2004

Copyright (C) 1995-2004 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any damages
arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,
including commercial applications, and to alter it and redistribute it
freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not
claim that you wrote the original software. If you use this software
in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly jloup@gzip.org
Mark Adler madler@alumni.caltech.edu

1.40.3.4 X11

Copyright (C) 1996 X Consortium

Permission is hereby granted, free of charge, to any person obtaining a copy of this
software and associated documentation files (the "Software"), to deal in the Software
without restriction, including without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice shall be included in all copies
or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE X CONSORTIUM BE LIABLE

FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from the X Consortium.

X Window System is a trademark of X Consortium, Inc.

1.40.3.5 Unicode

Unicode Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy. For trademark usage, see the Unicode Consortium® Trademarks and Logo Policy.

Notice to End User: Terms of Use

Carefully read the following legal agreement ("Agreement"). Use or copying of the software and/or codes provided with this agreement (The "Software") constitutes your acceptance of these terms. If you have any questions about these terms of use, please contact the Unicode Consortium.

Unicode Copyright.

Copyright © 1991-2010 Unicode, Inc. All rights reserved.

Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files solely for informational purposes in the creation of products supporting the Unicode Standard, subject to the Terms and Conditions herein.

Further specifications of rights and restrictions pertaining to the use of the particular set of data files known as the "Unicode Character Database" can be found in Exhibit 1.

Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page. The online code charts carry specific restrictions. All other files are covered under these general Terms of Use. To request a permission to reproduce any part of the Unicode Standard, please contact the Unicode Consortium.

No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

Modification is not permitted with respect to this document. All copies of this document must be verbatim.

Restricted Rights Legend. Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

Warranties and Disclaimers.

This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

EXCEPT AS PROVIDED IN SECTION C.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

Waiver of Damages. In no event shall Unicode or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

Trademarks.

Unicode and the Unicode logo are registered trademarks of Unicode, Inc.

This site contains product names and corporate names of other companies. All product names and company names and logos mentioned herein are the trademarks or registered trademarks of their respective owners. Other products and corporate names mentioned herein which are trademarks of a third party are used only for explanation and for the owners' benefit and with no intent to infringe.

Use of third party products or information referred to herein is at the user's risk.

Miscellaneous.

Jurisdiction and Venue. This server is operated from a location in the State of California, United States of America. Unicode makes no representation that the materials are appropriate for use in other locations. If you access this server from other locations, you are responsible for compliance with local laws. This Agreement, all use of this site and any claims and damages resulting from use of this site are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this site shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum. Modification by Unicode Unicode shall have the right to modify this Agreement at any time by posting it to this site. The user may not assign any part of this Agreement without Unicode's prior written consent.

Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode's net income.

Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.

Entire Agreement. This Agreement constitutes the entire agreement between the parties.

EXHIBIT 1

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>. Unicode Software includes any source code published in the Unicode Standard or under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2010 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

Unicode and the Unicode logo are trademarks of Unicode, Inc., and may be registered in some jurisdictions. All other trademarks and registered trademarks mentioned herein are the property of their respective owners.

1.40.3.6 *Public-domain*

This is based on SHA256 implementation in LibTomCrypt that was released into public domain by Tom St Denis.

1.40.3.7 *Public-domain*

The assembly codes are public domain assembly codes written by Daniel. J.

1.40.3.8 *Public-domain*

Public domain software is software that is not copyrighted. If the source code is in the public domain, that is a special case of noncopyrighted free software, which means that some copies or modified versions may not be free at all.

In some cases, an executable program can be in the public domain but the source code is not available. This is not free software, because free software requires accessibility of source code. Meanwhile, most free software is not in the public domain; it is copyrighted, and the copyright holders have legally given permission for everyone to use it in freedom, using a free software license.

Sometimes people use the term "public domain" in a loose fashion to mean "free" or "available gratis." However, "public domain" is a legal term and means, precisely, "not copyrighted". For clarity, we recommend using "public domain" for that meaning only, and using other terms to convey the other meanings.

Under the Berne Convention, which most countries have signed, anything written down is automatically copyrighted. This includes programs. Therefore, if you want a program you have written to be in the public domain, you must take some legal steps to disclaim the copyright on it; otherwise, the program is copyrighted.

1.40.3.9 *Public-domain*

Implementation derived from Andrew Tridgell and Steve French's CIFS MD4 implementation, and the cryptoapi implementation originally based on the public domain implementation written

1.40.3.10 *Public-domain*

Derived from cryptoapi implementation, originally based on the public domain implementation written by Colin Plumb in 1993.

1.40.3.11 *Public-domain*

Based on public domain code by Andrew Moon and Daniel J. Bernstein.

1.40.3.12 *Public-domain*

Derived from cryptoapi implementation, adapted for in-place scatterlist interface. Originally based on the public domain implementation written by Steve Reid.

1.40.3.13 *Preserve Copyright Notice*

This software is furnished under a license and may be used and copied only in accordance of the terms of such license and with the inclusion of the above copyright notice. This software or any other copies thereof may not be provided or otherwise made available to any other person. No title to and ownership of the software is hereby transferred.

The information in this software is subject to change without notice and should not be construed as a commitment by Digital Equipment Corporation.

Digital assumes no responsibility for the use or reliability of its software on equipment which is not supplied by Digital.

1.40.3.14 *Preserve Copyright Notice*

Redistribution and use in source form, with or without modification, are permitted provided that redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

This software is provided 'as is' by Adaptec and any express or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are disclaimed. In no event shall Adaptec be liable for any direct, indirect, incidental, special, exemplary or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruptions) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this driver software, even if advised of the possibility of such damage

1.40.3.15 *PostgreSQL*

PostgreSQL Database Management System
(formerly known as Postgres, then as Postgres95)

Portions Copyright (c) 1996-2010, The PostgreSQL Global Development Group

Portions Copyright (c) 1994, The Regents of the University of California

Permission to use, copy, modify, and distribute this software and its documentation for any purpose, without fee, and without a written agreement is hereby granted, provided that the above copyright notice and this paragraph and the following two paragraphs appear in all copies.

IN NO EVENT SHALL THE UNIVERSITY OF CALIFORNIA BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE UNIVERSITY OF CALIFORNIA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE UNIVERSITY OF CALIFORNIA SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE UNIVERSITY OF CALIFORNIA HAS NO OBLIGATIONS TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

1.40.3.16 Permission notice

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.40.3.17 Permission Notice_Regents of the University of Michigan

Permission is granted to use, copy, create derivative works, and redistribute this software and such derivative works for any purpose, so long as the name of the University of Michigan is not used in any advertising or publicity pertaining to the use or distribution of this software without specific, written prior authorization. If the above copyright notice or any other identification of the University of Michigan is included in any copy of any portion of this software, then the disclaimer below must also be included.

This software is provided as is, without representation or warranty of any kind either express or implied, including without limitation the implied warranties of merchantability, fitness for a particular purpose, or noninfringement. The Regents of the University of Michigan shall not be liable for any damages, including special, indirect, incidental, or consequential damages, with respect to any claim arising out of or in connection with the use of the software, even if it has been or is hereafter advised of the possibility of such damages.

1.40.3.18 Permission Notice

This file is free documentation; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.40.3.19 Permission Notice

THIS SOFTWARE IS DISTRIBUTED AS IS, FOR FREE. Although reasonable effort has been made to avoid it, THIS SOFTWARE MAY CONTAIN FAULTS THAT WILL AT TIMES RESULT IN INCORRECT BEHAVIOR. USE OF THIS SOFTWARE IS RESTRICTED TO PERSONS AND ORGANIZATIONS WHO CAN AND WILL TAKE FULL RESPONSIBILITY FOR ANY AND ALL LOSSES, COSTS, OR OTHER PROBLEMS ARISING FROM ITS USE.

Derivative works are acceptable, even for commercial purposes, so long as (1) they include prominent notice that the work is derivative, and (2) they include prominent notice akin to these three paragraphs for those parts of this code that are retained.

1.40.3.20 Permission Notice

THE SOFTWARE is provided on an "AS IS" basis and without warranty. To the maximum extent permitted by applicable law, MOTOROLA DISCLAIMS ALL WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE and any warranty against infringement with regard to the SOFTWARE (INCLUDING ANY MODIFIED VERSIONS THEREOF) and any accompanying written materials.

To the maximum extent permitted by applicable law, IN NO EVENT SHALL MOTOROLA BE LIABLE FOR ANY DAMAGES WHATSOEVER (INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR OTHER PECUNIARY LOSS) ARISING OF THE USE OR INABILITY TO USE THE SOFTWARE.

Motorola assumes no responsibility for the maintenance and support of the SOFTWARE.

You are hereby granted a copyright license to use, modify, and distribute the SOFTWARE so long as this entire notice is retained without alteration in any modified and/or redistributed versions, and that such modified versions are clearly identified as such.

No licenses are granted by implication, estoppel or otherwise under any patents or trademarks of Motorola, Inc.

1.40.3.21 *Permission Notice*

Permission Notice

1.40.3.22 *Permission Notice*

Permission to use, copy, modify and distribute this software and its documentation is hereby granted, provided that both the copyright notice and this permission notice appear in all copies of the software, derivative works or modified versions, and any portions thereof, and that both notices appear in supporting documentation, and that credit is given to Carnegie Mellon University in all documents and publicity pertaining to direct or indirect use of this code or its derivatives.

CODA IS AN EXPERIMENTAL SOFTWARE SYSTEM AND IS KNOWN TO HAVE BUGS, SOME OF WHICH MAY HAVE SERIOUS CONSEQUENCES. CARNEGIE MELLON ALLOWS FREE USE OF THIS SOFTWARE IN ITS "AS IS" CONDITION. CARNEGIE MELLON DISCLAIMS ANY LIABILITY OF ANY KIND FOR ANY DAMAGES WHATSOEVER RESULTING DIRECTLY OR INDIRECTLY FROM THE USE OF THIS SOFTWARE OR OF ANY DERIVATIVE WORK.

Carnegie Mellon encourages users of this software to return any improvements or extensions that they make, and to grant Carnegie Mellon the rights to redistribute these changes without encumbrance.

1.40.3.23 *Permission Notice*

All rights are reserved. Reproduction or in part is prohibited without the written consent of the copyright owner.

1.40.3.24 *Permission Notice*

TRW Financial Systems, in accordance with their agreement with Carnegie Mellon University, makes this software available to CMU to distribute or use in any manner that they see fit as long as this message is kept with the software. For this reason TFS also grants any other persons or organisations permission to use or modify this software.

TFS supplies this software to be publicly redistributed on the understanding that TFS is not responsible for the correct functioning of this software in any circumstances.

1.40.3.25 *Permission Notice*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. This software is provided "as is" without express or implied warranty.

1.40.3.26 *Permission Notice*

THIS SOFTWARE IS DISTRIBUTED AS IS, FOR FREE. Although reasonable effort has been made to avoid it, THIS SOFTWARE MAY CONTAIN FAULTS THAT WILL AT TIMES RESULT IN INCORRECT BEHAVIOR. USE OF THIS SOFTWARE IS RESTRICTED TO PERSONS AND ORGANIZATIONS WHO CAN AND WILL TAKE FULL RESPONSIBILITY FOR ANY

AND ALL LOSSES, COSTS, OR OTHER PROBLEMS ARISING FROM ITS USE.

Derivative works are acceptable, even for commercial purposes, so long as (1) they include prominent notice that the work is derivative, and (2) they include prominent notice akin to these three paragraphs for those parts of this code that are retained.

1.40.3.27 *Permission Notice*

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of the copyright holders not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The copyright holders make no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THE COPYRIGHT HOLDERS DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.40.3.28 *Permission Notice*

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

The software is provided "as is"; the copyright holders disclaim all warranties and liabilities, to the extent permitted by applicable law.

1.40.3.29 *Permission Notice*

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

1.40.3.30 *Permission Notice*

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.40.3.31 *Permission Notice*

Permission to use, copy, modify, and distribute this software and its documentation is hereby granted, provided that the above copyright notice appears in all copies. This software is provided without any warranty, express or implied.

1.40.3.32 *Permission Notice*

Permission to use, copy, modify, and distribute this software and

its documentation is hereby granted (including for commercial or for-profit use), provided that both the copyright notice and this permission notice appear in all copies of the software, derivative works, or modified versions, and any portions thereof.

THIS SOFTWARE IS EXPERIMENTAL AND IS KNOWN TO HAVE BUGS, SOME OF WHICH MAY HAVE SERIOUS CONSEQUENCES. CARNEGIE MELLON PROVIDES THIS SOFTWARE IN ITS ``AS IS'' CONDITION, AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Carnegie Mellon encourages (but does not require) users of this software to return any improvements or extensions that they make, and to grant Carnegie Mellon the rights to redistribute these changes without encumbrance.

1.40.3.33 *Permission Notice*

Permission to use, copy, modify and distribute this software and its documentation is hereby granted, provided that both the copyright notice and this permission notice appear in all copies of the software, derivative works or modified versions, and any portions thereof, and that both notices appear in supporting documentation.

NRL ALLOWS FREE USE OF THIS SOFTWARE IN ITS "AS IS" CONDITION AND DISCLAIMS ANY LIABILITY OF ANY KIND FOR ANY DAMAGES WHATSOEVER RESULTING FROM THE USE OF THIS SOFTWARE.

1.40.3.34 *Permission Notice*

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

1.40.3.35 *Permission Notice*

The Software IS NOT an item of Licensed Software or Licensed Product under any End User Software License Agreement or Agreement for Licensed Product with Synopsys or any supplement thereto. Permission is hereby granted, free of charge, to any person obtaining a copy of this software annotated with this license and the Software, to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THIS SOFTWARE IS BEING DISTRIBUTED BY SYNOPSYS SOLELY ON AN "AS IS" BASIS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. IN NO EVENT SHALL SYNOPSYS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.36 *Permission Notice*

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

1.40.3.37 *OpenSSL*

LICENSE ISSUES
=====

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License

```
/* =====
* Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
* nor may "OpenSSL" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
```

```
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com). This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/
```

Original SSLeay License

```
/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to. The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code. The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this software
* must display the following acknowledgement:
* "This product includes cryptographic software written by
* Eric Young (eay@cryptsoft.com)"
* The word 'cryptographic' can be left out if the rouines from the library
* being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof) from
* the apps directory (application code) you must include an acknowledgement:
* "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version or
* derivative of this code cannot be changed. i.e. this code cannot simply be
```


* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/

1.40.3.38 OSL-1.1

The Open Software License
v. 1.1

This Open Software License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following notice immediately following the copyright notice for the Original Work:

Licensed under the Open Software License version 1.1

- 1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, non-sublicenseable license to do the following:
- a) to reproduce the Original Work in copies;
 - b) to prepare derivative works ("Derivative Works") based upon the Original Work;
 - c) to distribute copies of the Original Work and Derivative Works to the public, with the proviso that copies of Original Work or Derivative Works that You distribute shall be licensed under the Open Software License;
 - d) to perform the Original Work publicly; and
 - e) to display the Original Work publicly.
- 2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, non-sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor ("Licensed Claims") to make, use, sell and offer for sale the Original Work. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, non-sublicenseable license under the Licensed Claims to make, use, sell and offer for sale Derivative Works.
- 3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.
- 4) Exclusions From License Grant. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the Licensed Claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.
- 5) External Deployment. The term "External Deployment" means the use or distribution of the Original Work or Derivative Works in any way such that the

Original Work or Derivative Works may be used by anyone other than You, whether the Original Work or Derivative Works are distributed to those persons or made available as an application intended for use over a computer network. As an express condition for the grants of license hereunder, You agree that any External Deployment by You of a Derivative Work shall be deemed a distribution and shall be licensed to all under the terms of this License, as prescribed in section 1(c) herein.

6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work is owned by the Licensor or that the Original Work is distributed by Licensor under a valid current license from the copyright owner. Except as expressly stated in the immediately preceding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express and volitional assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Sections 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Sections 1 herein, You indicate Your acceptance of this License and all of its terms and conditions. This License shall terminate immediately and you may no longer exercise any of the rights granted to You by this License upon Your failure to honor the proviso in Section 1(c) herein.

10) Mutual Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License if You file a lawsuit in any court alleging that any OSI Certified open source software that is licensed under any license containing this "Mutual Termination for Patent Action" clause infringes any patent claims that are essential to use that software.

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of

this License or after its termination shall be subject to the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. § 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

This license is Copyright (C) 2002 Lawrence E. Rosen. All rights reserved. Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.

1.40.3.39 *NTP-Style_Massachusetts Institute of Technology*

Export of this software from the United States of America may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. Furthermore if you modify this software you must label your software as modified software and not distribute it in such a fashion that it might be confused with the original M.I.T. software. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.40.3.40 *NTP-Style_FundsXpress*

Export of this software from the United States of America may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, # permission to use, copy, modify, and distribute this software and its documentation for any purpose and

without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of FundsXpress. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. FundsXpress makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.40.3.41 NTP

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.40.3.42 NTP

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.40.3.43 MPL-1.1

Mozilla Public License Version 1.1

1. Definitions.

1.0.1. "Commercial Use"

means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor"

means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version"

means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "Covered Code"

means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism"

means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable"

means Covered Code in any form other than Source Code.

1.6. "Initial Developer"

means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work"

means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License"

means this document.

1.8.1. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications"

means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code"

means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims"

means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code"

means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your")

means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant.

The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant.

Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made,

and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License.

The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code.

Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications.

You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices.

You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions.

You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works.

You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. Termination

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past

and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above. any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. government end users

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. Miscellaneous

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. Responsibility for claims

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights

under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. Multiple-licensed code

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

Exhibit A - Mozilla Public License.

"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is _____.

The Initial Developer of the Original Code is _____.
Portions created by _____ are Copyright (C) _____.
_____. All Rights Reserved.

Contributor(s): _____.

Alternatively, the contents of this file may be used under the terms of the _____ license (the "[] License"), in which case the provisions of [] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [] License."

NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.

1.40.3.44 MIT-style License

* Prototype is freely distributable under the terms of an MIT-style license.

1.40.3.45 MIT style License

// Prototype is freely distributable under the terms of an MIT-style license.
// For details, see the Prototype web site: <http://prototype.conio.net/>

1.40.3.46 MIT style License

Copyright 1993-2003 NVIDIA, Corporation. All rights reserved.

NOTICE TO USER: The source code is copyrighted under U.S. and international laws. Users and possessors of this source code are hereby granted a nonexclusive, royalty-free copyright license to use this code in individual and commercial software.

Any use of this source code must include, in the user documentation and internal comments to the code, notices to the end user

as follows:

Copyright 1993-2003 NVIDIA, Corporation. All rights reserved.

NVIDIA, CORPORATION MAKES NO REPRESENTATION ABOUT THE SUITABILITY OF THIS SOURCE CODE FOR ANY PURPOSE. IT IS PROVIDED "AS IS" WITHOUT EXPRESS OR IMPLIED WARRANTY OF ANY KIND. NVIDIA, CORPORATION DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOURCE CODE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL NVIDIA, CORPORATION BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOURCE CODE.

U.S. Government End Users. This source code is a "commercial item," as that term is defined at 48 C.F.R. 2.101 (OCT 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (SEPT 1995) and is provided to the U.S. Government only as a commercial end item. Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (JUNE 1995), all U.S. Government End Users acquire the source code with only those rights set forth herein.

1.40.3.47 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.48 LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your

freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve

this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library),

rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or

among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU

Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA. Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.40.3.49 LGPL-2.1

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them

with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a

"work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a

table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or

linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials

specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.

EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.40.3.50 LGPL-2.0+

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]
Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public Licenses are intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users.

This license, the Library General Public License, applies to some specially designated
Free Software Foundation software, and to any other libraries whose authors decide to
use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for this service if you wish), that you receive
source code or can get it if you want it, that you can change the software or use
pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you
these rights or to ask you to surrender the rights. These restrictions translate to
certain responsibilities for you if you distribute copies of the library, or if you
modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you
must give the recipients all the rights that we gave you. You must make sure that
they, too, receive or can get the source code. If you link a program with the library,
you must provide complete object files to the recipients so that they can relink them
with the library, after making changes to the library and recompiling it. And you must
show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2)
offer you this license which gives you legal permission to copy, distribute and/or
modify the library.

Also, for each distributor's protection, we want to make certain that everyone
understands that there is no warranty for this free library. If the library is
modified by someone else and passed on, we want its recipients to know that what they
have is not the original version, so that any problems introduced by others will not
reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to
avoid the danger that companies distributing free software will individually obtain
patent licenses, thus in effect transforming the program into proprietary software. To
prevent this, we have made it clear that any patent must be licensed for everyone's
free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General
Public License, which was designed for utility programs. This license, the GNU Library
General Public License, applies to certain designated libraries. This license is quite
different from the ordinary one; be sure to read it in full, and don't assume that
anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place

satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
License as published by the Free Software Foundation; either

version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.40.3.51 LGPL-2.0

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them

with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of

this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE

WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.40.3.52 Keyspan Permission Notice

A division of InnoSys Incorporated ("Keyspan") as an unpublished work. This notice does not imply unrestricted or public access to the source code from which this firmware image is derived. Except as noted below this firmware image may not be reproduced, used, sold or transferred to any third party without Keyspan's prior written consent. All Rights Reserved.

Permission is hereby granted for the distribution of this firmware image as part of a Linux or other Open Source operating system kernel in text or binary form as required.

This firmware may not be modified and may only be used with Keyspan hardware. Distribution and/or Modification of the keyspan.c driver which includes this firmware, in whole or in part, requires the inclusion of this statement."

1.40.3.53 HPND

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of GTCO-CalComp not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. GTCO-CalComp makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

GTCO-CALCOMP DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL GTCO-CALCOMP BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTIONS, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS # SOFTWARE.

1.40.3.54 HPND

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of the authors not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The authors makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THE AUTHORS DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS # SOFTWARE.

1.40.3.55 GPL-3.0+-with-bison-exception

A Bison parser, made by GNU Bison 3.0.4.

Bison implementation for Yacc-like parsers in C

Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute

the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

C LALR(1) parser skeleton written by Richard Stallman, by simplifying the original so-called "semantic" parser.

1.40.3.56 *GPL-2.0-with-classpath-exception*

insert GPL v2 license text here

Class Path Exception

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

1.40.3.57 *GPL-2.0+-With- GCC-Exception*

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that

they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive

but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the

Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does. Copyright (C) yyyy
name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989 Ty Coon, President of Vice

Standard License Header

Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

GCC is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2, or (at your option) any later version.

GCC is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with GCC; see the file COPYING. If not, write to the Free Software Foundation, 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

As a special exception, if you link this library with files compiled with GCC to produce an executable, this does not cause the resulting executable to be covered by the GNU General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU General Public License.

1.40.3.58 GPL-2.0+-With- GCC-Exception

GNU CC is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2, or (at your option) any later version.

In addition to the permissions in the GNU General Public License, the Free Software Foundation gives you unlimited permission to link the compiled version of this file with other programs, and to distribute those programs without any restriction coming from the use of this file. (The General Public License restrictions do apply in other respects; for example, they cover modification of the file, and distribution when not linked into # another program.)

This file is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details. */

/* As a special exception, if you link this library with files compiled with GCC to produce an executable, this does not cause the resulting executable to be covered by the GNU General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU General Public License

1.40.3.59 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial

distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who

places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.40.3.60 GPL-1.0+

GNU General Public License, version 1

GNU GENERAL PUBLIC LICENSE
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free

programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a

warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any

later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!

1.40.3.61 GPL-1.0

GNU GENERAL PUBLIC LICENSE
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free

programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the
commands you use may be called something other than `show w' and `show
c'; they could even be mouse-clicks or menu items--whatever suits your
program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!

1.40.3.62 *GPL V2 or later with Special Linking Exception - 2*

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document,
but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public License is intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users. This General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to using it. (Some
other Free Software Foundation software is covered by the GNU Lesser General Public
License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for this service if you wish), that you receive
source code or can get it if you want it, that you can change the software or use
pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you
these rights or to ask you to surrender the rights. These restrictions translate to
certain responsibilities for you if you distribute copies of the software, or if you
modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee,
you must give the recipients all the rights that you have. You must make sure that
they, too, receive or can get the source code. And you must show them these terms so
they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you
this license which gives you legal permission to copy, distribute and/or modify the
software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions

for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of

this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE

WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

As a special exception, if other files instantiate templates or use macros or inline functions from these files, or you compile these files and link them with other works to produce a work based on these files, these files do not by themselves cause the resulting work to be

covered by the GNU General Public License. However the source code for these files must still be made available in accordance with section (3) of the GNU General Public License.

This exception does not invalidate any other reasons why a work based on this file might be covered by the GNU General Public License.

1.40.3.63 GFDL-1.2

GNU Free Documentation License

Version 1.2, November 2002

Copyright (C) 2000,2001,2002 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
0. PREAMBLE

The purpose of this License is to make a manual, textbook, or other functional and useful document "free" in the sense of freedom: to assure everyone the effective freedom to copy and redistribute it, with or without modifying it, either commercially or noncommercially. Secondly, this License preserves for the author and publisher a way to get credit for their work, while not being considered responsible for modifications made by others.

This License is a kind of "copyleft", which means that derivative works of the document must themselves be free in the same sense. It complements the GNU General Public License, which is a copyleft license designed for free software.

We have designed this License in order to use it for manuals for free software, because free software needs free documentation: a free program should come with manuals providing the same freedoms that the software does. But this License is not limited to software manuals; it can be used for any textual work, regardless of subject matter or whether it is published as a printed book. We recommend this License principally for works whose purpose is instruction or reference.

1. APPLICABILITY AND DEFINITIONS

This License applies to any manual or other work, in any medium, that contains a notice placed by the copyright holder saying it can be distributed under the terms of this License. Such a notice grants a world-wide, royalty-free license, unlimited in duration, to use that work under the conditions stated herein. The "Document", below, refers to any such manual or work. Any member of the public is a licensee, and is addressed as "you". You accept the license if you copy, modify or distribute the work in a way requiring permission under copyright law.

A "Modified Version" of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

A "Secondary Section" is a named appendix or a front-matter section of the Document that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject (or to related matters) and contains nothing that could fall directly within that overall subject. (Thus, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them.

The "Invariant Sections" are certain Secondary Sections whose titles are designated, as being those of Invariant Sections, in the notice that says that the Document is released under this License. If a section does not fit the above definition of Secondary then it is not allowed to be designated as Invariant. The Document may

contain zero Invariant Sections. If the Document does not identify any Invariant Sections then there are none.

The "Cover Texts" are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the Document is released under this License. A Front-Cover Text may be at most 5 words, and a Back-Cover Text may be at most 25 words.

A "Transparent" copy of the Document means a machine-readable copy, represented in a format whose specification is available to the general public, that is suitable for revising the document straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup, or absence of markup, has been arranged to thwart or discourage subsequent modification by readers is not Transparent. An image format is not Transparent if used for any substantial amount of text. A copy that is not "Transparent" is called "Opaque".

Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML, PostScript or PDF designed for human modification. Examples of transparent image formats include PNG, XCF and JPG. Opaque formats include proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML, PostScript or PDF produced by some word processors for output purposes only.

The "Title Page" means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which do not have any title page as such, "Title Page" means the text near the most prominent appearance of the work's title, preceding the beginning of the body of the text.

A section "Entitled XYZ" means a named subunit of the Document whose title either is precisely XYZ or contains XYZ in parentheses following text that translates XYZ in another language. (Here XYZ stands for a specific section name mentioned below, such as "Acknowledgements", "Dedications", "Endorsements", or "History".) To "Preserve the Title" of such a section when you modify the Document means that it remains a section "Entitled XYZ" according to this definition.

The Document may include Warranty Disclaimers next to the notice which states that this License applies to the Document. These Warranty Disclaimers are considered to be included by reference in this License, but only as regards disclaiming warranties: any other implication that these Warranty Disclaimers may have is void and has no effect on the meaning of this License.

2. VERBATIM COPYING

You may copy and distribute the Document in any medium, either commercially or noncommercially, provided that this License, the copyright notices, and the license notice saying this License applies to the Document are reproduced in all copies, and that you add no other conditions whatsoever to those of this License. You may not use technical measures to obstruct or control the reading or further copying of the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute a large enough number of copies you must also follow the conditions in section 3.

You may also lend copies, under the same conditions stated above, and you may publicly display copies.

3. COPYING IN QUANTITY

If you publish printed copies (or copies in media that commonly have printed covers) of the Document, numbering more than 100, and the Document's license notice requires

Cover Texts, you must enclose the copies in covers that carry, clearly and legibly, all these Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title with all words of the title equally prominent and visible. You may add other material on the covers in addition. Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as verbatim copying in other respects.

If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.

If you publish or distribute Opaque copies of the Document numbering more than 100, you must either include a machine-readable Transparent copy along with each Opaque copy, or state in or with each Opaque copy a computer-network location from which the general network-using public has access to download using public-standard network protocols a complete Transparent copy of the Document, free of added material. If you use the latter option, you must take reasonably prudent steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly or through your agents or retailers) of that edition to the public.

It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

4. MODIFICATIONS

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

- A. Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.
- B. List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document (all of its principal authors, if it has fewer than five), unless they release you from this requirement.
- C. State on the Title page the name of the publisher of the Modified Version, as the publisher.
- D. Preserve all the copyright notices of the Document.
- E. Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.
- F. Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.
- G. Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice.
- H. Include an unaltered copy of this License.
- I. Preserve the section Entitled "History", Preserve its Title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section Entitled "History" in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.
- J. Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the "History" section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.

K. For any section Entitled "Acknowledgements" or "Dedications", Preserve the Title of the section, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.

L. Preserve all the Invariant Sections of the Document, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.

M. Delete any section Entitled "Endorsements". Such a section may not be included in the Modified Version.

N. Do not retitle any existing section to be Entitled "Endorsements" or to conflict in title with any Invariant Section.

O. Preserve any Warranty Disclaimers.

If the Modified Version includes new front-matter sections or appendices that qualify as Secondary Sections and contain no material copied from the Document, you may at your option designate some or all of these sections as invariant. To do this, add their titles to the list of Invariant Sections in the Modified Version's license notice. These titles must be distinct from any other section titles.

You may add a section Entitled "Endorsements", provided it contains nothing but endorsements of your Modified Version by various parties--for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a Front-Cover Text, and a passage of up to 25 words as a Back-Cover Text, to the end of the list of Cover Texts in the Modified Version. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the Document already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit permission from the previous publisher that added the old one.

The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version.

5. COMBINING DOCUMENTS

You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections of your combined work in its license notice, and that you preserve all their Warranty Disclaimers.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections Entitled "History" in the various original documents, forming one section Entitled "History"; likewise combine any sections Entitled "Acknowledgements", and any sections Entitled "Dedications". You must delete all sections Entitled "Endorsements."

6. COLLECTIONS OF DOCUMENTS

You may make a collection consisting of the Document and other documents released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects.

You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the

extracted document, and follow this License in all other respects regarding verbatim copying of that document.

7. AGGREGATION WITH INDEPENDENT WORKS

A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, is called an "aggregate" if the copyright resulting from the compilation is not used to limit the legal rights of the compilation's users beyond what the individual works permit. When the Document is included in an aggregate, this License does not apply to the other works in the aggregate which are not themselves derivative works of the Document.

If the Cover Text requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one half of the entire aggregate, the Document's Cover Texts may be placed on covers that bracket the Document within the aggregate, or the electronic equivalent of covers if the Document is in electronic form. Otherwise they must appear on printed covers that bracket the whole aggregate.

8. TRANSLATION

Translation is considered a kind of modification, so you may distribute translations of the Document under the terms of section 4. Replacing Invariant Sections with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License, and all the license notices in the Document, and any Warranty Disclaimers, provided that you also include the original English version of this License and the original versions of those notices and disclaimers. In case of a disagreement between the translation and the original version of this License or a notice or disclaimer, the original version will prevail.

If a section in the Document is Entitled "Acknowledgements", "Dedications", or "History", the requirement (section 4) to Preserve its Title (section 1) will typically require changing the actual title.

9. TERMINATION

You may not copy, modify, sublicense, or distribute the Document except as expressly provided for under this License. Any other attempt to copy, modify, sublicense or distribute the Document is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

10. FUTURE REVISIONS OF THIS LICENSE

The Free Software Foundation may publish new, revised versions of the GNU Free Documentation License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. See <http://www.gnu.org/copyleft/>.

Each version of the License is given a distinguishing version number. If the Document specifies that a particular numbered version of this License "or any later version" applies to it, you have the option of following the terms and conditions either of that specified version or of any later version that has been published (not as a draft) by the Free Software Foundation. If the Document does not specify a version number of this License, you may choose any version ever published (not as a draft) by the Free Software Foundation.

1.40.3.64 GFDL-1.1+

License by Nomos.

1.40.3.65 *FSF-with-disclaimer-of-warranty*

This file is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, to the extent permitted by law; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

1.40.3.66 *FSF-with-disclaimer-of-warranty*

This material is licensed to you strictly for use in conjunction with the use of COPS LocalTalk adapters.

There is no charge for this SDK. And no warranty express or implied about its fitness for any purpose. However, we will cheerfully refund every penny you paid for this SDK...

1.40.3.67 *Dual-license*

header file is
now dual licensed under GNU General Public License version two or later, and under a 3-clause BSD-style license

1.40.3.68 *Dual-license*

This source code is distributed under a dual license of GPL v2.0 and OpenIB BSD.

1.40.3.69 *Dual-license*

This program includes a device driver for Linux 2.6 that may be distributed with QLogic hardware specific firmware binary file. You may modify and redistribute the device driver code under the GNU General Public License as published by the Free Software Foundation (version 2 or a later version).

You may redistribute the hardware specific firmware binary file under the following terms:

1. Redistribution of source code (only if applicable), must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of QLogic Corporation may not be used to endorse or promote products derived from this software without specific prior written permission

REGARDLESS OF WHAT LICENSING MECHANISM IS USED OR APPLICABLE, THIS PROGRAM IS PROVIDED BY QLOGIC CORPORATION "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

USER ACKNOWLEDGES AND AGREES THAT USE OF THIS PROGRAM WILL NOT CREATE OR GIVE GROUNDS FOR A LICENSE BY IMPLICATION, ESTOPPEL, OR OTHERWISE IN ANY INTELLECTUAL PROPERTY RIGHTS (PATENT, COPYRIGHT, TRADE SECRET, MASK WORK, OR OTHER PROPRIETARY RIGHT) EMBODIED IN ANY OTHER QLOGIC HARDWARE OR SOFTWARE EITHER SOLELY OR IN COMBINATION WITH THIS PROGRAM.

1.40.3.70 Dual-license

This program includes a device driver for Linux 2.6 that may be distributed with QLogic hardware specific firmware binary file. You may modify and redistribute the device driver code under the GNU General Public License as published by the Free Software Foundation (version 2 or a later version).

You may redistribute the hardware specific firmware binary file under the following terms:

1. Redistribution of source code (only if applicable), must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of QLogic Corporation may not be used to endorse or promote products derived from this software without specific prior written permission

REGARDLESS OF WHAT LICENSING MECHANISM IS USED OR APPLICABLE, THIS PROGRAM IS PROVIDED BY QLOGIC CORPORATION "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

USER ACKNOWLEDGES AND AGREES THAT USE OF THIS PROGRAM WILL NOT CREATE OR GIVE GROUNDS FOR A LICENSE BY IMPLICATION, ESTOPPEL, OR OTHERWISE IN ANY INTELLECTUAL PROPERTY RIGHTS (PATENT, COPYRIGHT, TRADE SECRET, MASK WORK, OR OTHER PROPRIETARY RIGHT) EMBODIED IN ANY OTHER QLOGIC HARDWARE OR SOFTWARE EITHER SOLELY OR IN COMBINATION WITH THIS PROGRAM.

1.40.3.71 Dual-license

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.10.0 or, at your option, any later version of Perl 5 you may have available.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

1.40.3.72 Dual-license

This file is licensed under a dual GPLv2 or BSD license.

1.40.3.73 Dual-license

This file can be licensed under MIT or GPL-2.0+. In this case the MIT has been chosen. This shall not restrict the freedom of future users to choose MIT or GPL-2.0+.

1.40.3.74 Dual-license

The contents of this file are subject to the Open Software License version 1.1 that can be found at

<ulink

url="http://fedoraproject.org/wiki/Licensing:OSL1.1">http://fedoraproject.org/wiki/Licensing:OSL1.1</ulink>

and is included herein by reference.

Alternatively, the contents of this file may be used under the terms of the GNU General Public License version 2 (the "GPL") as distributed in the kernel source COPYING file, in which case the provisions of the GPL are applicable instead of the above. If you wish to allow the use of your version of this file only under the terms of the GPL and not to allow others to use your version of this file under the OSL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL. If you do not delete the provisions above, a recipient may use your version of this file under either the OSL or the GPL.

1.40.3.75 Dual-license

Multi-licensing is the practice of distributing software under two or more different sets of terms and conditions. This may mean multiple different software licenses or sets of licenses. Prefixes may be used to indicate the number of licenses used, e.g. dual-licensed for software licensed under two different licenses.

When software is multi-licensed, recipients can choose which terms under which they want to use or distribute the software. The distributor may or may not apply a fee to either option. The two usual motivations for multi-licensing are license compatibility and market segregation based business models.

1.40.3.76 Dual-license

Licensed under the X11 license or the GPL v2 (or later)

1.40.3.77 Dual-license

Licensed under the Clear BSD license or the GPL-2 (or later)

1.40.3.78 Dual-license

Code is contributed to the Linux kernel under a number of licenses, but all code must be compatible with version 2 of the GNU General Public License (GPLv2), which is the license covering the kernel distribution as a whole. In practice, that means that all code contributions are covered either by GPLv2 (with, optionally, language allowing distribution under later versions of the GPL) or the three-clause BSD license. Any contributions which are not covered by a compatible license will not be accepted into the kernel.

1.40.3.79 Dual-license

Written by Andy Polyakov <approfy.chalmers.se> for the OpenSSL project. The module is, however, dual licensed under OpenSSL and CRYPTOGAMS licenses depending on where you obtain it. For further details see <http://www.openssl.org/~appro/cryptogams/>.

1.40.3.80 Dual-license

This driver consists of two parts. The first part (intelfbdrv.c) provides the basic fbdev interfaces, is derived in part from the radeonfb and vesafb drivers, and is covered by the GPL. The second part (intelfbhw.c) provides the code to program the hardware. Most of it is derived from

the i810/i830 XFree86 driver. The HW-specific code is covered here under a dual license (GPL and MIT/XFree86 license).

1.40.3.81 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, this software may be distributed under the terms of the GNU Public License ("GPL").

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.82 Dual-license

libfdat is dual licensed: you can use it either under the terms of the GPL, or the BSD license, at your option.

a) This library is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Alternatively,

b) Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.83 *Dual-license*

This source code is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

Or, when distributed separately from the Linux kernel or incorporated into other software packages, subject to the following license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this source file (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.84 *Dual-license*

This source code is distributed under a dual license of GPL v2.0 and OpenIB BSD.

OpenIB BSD License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER

IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.85 *Dual-license*

This software is available to you under a choice of one of two licenses. You may choose to be licensed under the terms of the GNU General Public License (GPL) Version 2, available from the file COPYING in the main directory of this source tree, or the BSD license below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice unmodified, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

GPL license :

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

1.40.3.86 *Dual-license*

This software is available to you under a choice of one of two licenses. You may choose this file to be licensed under the terms of the GNU General Public License (GPL) Version 2 or the 2-clause BSD license listed below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.87 *Dual-license*

This software is available to you under a choice of one of two licenses. You may choose to be licensed under the terms of the GNU General Public License (GPL) Version 2, available from the file OpenIB.org BSD license below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.88 *Dual-license*

This software is available to you under a choice of one of two licenses. You may choose to be licensed under the terms of the GNU General Public License (GPL) Version 2, available from the file COPYING in the main directory of this source tree, or the NetLogic license below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY NETLOGIC ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL NETLOGIC OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.89 *Dual-license*

This software is available to you under a choice of one of two licenses. You may choose to be licensed under the terms of the GNU General Public License (GPL) Version 2, available from the file COPYING in the main directory of this source tree, or the BSD-type license below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Network Appliance, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.90 *Dual-license*

This software is available to you under a choice of one of two licenses. You may choose to be licensed under the terms of the GNU General Public License (GPL) Version 2, available from the file COPYING in the main directory of this source tree, or the OpenIB.org BSD license below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.91 Dual-license

This software is available to you under a choice of one of two licenses. You may choose to be licensed under the terms of the GNU General Public License (GPL) Version 2, available at <http://www.fsf.org/copyleft/gpl.html>, or the OpenIB.org BSD license, available in the LICENSE.TXT file accompanying this software. These details are also available at http://www.openfabrics.org/software_license.htm.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.92 Dual-license

This software is available to you under a choice of one of two licenses. You may choose to be licensed under the terms of the GNU 1. Redistributions of source code must retain the above copyright General Public License (GPL) Version 2, available from the file COPYING in the main directory of this source tree, or the Broadcom license below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY BROADCOM ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL BROADCOM OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.93 Dual-license

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

Copyright (c) 2003, Dr Brian Gladman, Worcester, UK. All rights reserved.

LICENSE TERMS

The free distribution and use of this software in both source and binary form is allowed (with or without changes) provided that:

1. distributions of this source code include the above copyright notice, this list of conditions and the following disclaimer;
2. distributions in binary form include the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other associated materials;
3. the copyright holder's name is not used to endorse products built using this software without specific written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

1.40.3.94 Dual-license

This program is free software; you can redistribute it and/or modify it under the terms and conditions of the GNU General Public License, version 2, as published by the Free Software Foundation.

Alternatively, redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

This program is distributed in the hope it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

1.40.3.95 Dual-license

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

Contact Information:

James Guilford <james.guilford@intel.com>

Sean Gulley <sean.m.gulley@intel.com>

Chandramouli Narayanan <mouli@linux.intel.com>

BSD LICENSE

Copyright(c) 2014 Intel Corporation.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.96 *Dual-license*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation.

Based on minstrel.c:
Copyright (C) 2005-2007 Derek Smithies <derek@indranet.co.nz>
Sponsored by Indranet Technologies Ltd

Based on sample.c:
Copyright (c) 2005 John Bicket
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce at minimum a disclaimer similar to the "NO WARRANTY" disclaimer below ("Disclaimer") and any redistribution must be conditioned upon including a substantially similar Disclaimer requirement for further binary redistribution.
3. Neither the names of the above-listed copyright holders nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

NO WARRANTY
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL

THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

1.40.3.97 *Dual-license*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation.

Alternatively, this software may be distributed under the terms of BSD license.

1.40.3.98 *Dual-license*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

Alternatively you can redistribute this file under the terms of the BSD license as stated below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.99 *Dual-license*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation; or, when distributed separately from the Linux kernel or incorporated into other software packages, subject to the following license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this source file (the "Software"), to deal in the Software without

restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.100 Dual-license

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

Based on code:

Copyright (c) 1995 - 2000 Kungliga Tekniska Högskolan
(Royal Institute of Technology, Stockholm, Sweden).
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.101 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2015 Intel Corporation.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

BSD LICENSE

Copyright(c) 2015 Intel Corporation.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.102 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2013 OpenVPN Technologies, Inc. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St - Fifth Floor, Boston, MA 02110-1301 USA. The full GNU General Public License is included in this distribution in the file called LICENSE.GPL.

BSD LICENSE

Copyright(c) 2013 OpenVPN Technologies, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of OpenVPN Technologies nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.103 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2012 Intel Corporation. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110, USA

The full GNU General Public License is included in this distribution in the file called LICENSE.GPL.

Contact Information:
Intel Corporation.
linux-mei@linux.intel.com
<http://www.intel.com>

BSD LICENSE

Copyright(c) 2003 - 2012 Intel Corporation. All rights reserved.
All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.104 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2012 - 2014 Intel Corporation. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110, USA

The full GNU General Public License is included in this distribution in the file called COPYING.

Contact Information:

Intel Linux Wireless <ilw@linux.intel.com>
Intel Corporation, 5200 N.E. Elam Young Parkway, Hillsboro, OR 97124-6497

BSD LICENSE

Copyright(c) 2012 - 2014 Intel Corporation. All rights reserved.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.105 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2007 - 2014 Intel Corporation. All rights reserved.
Copyright(c) 2013 - 2015 Intel Mobile Communications GmbH

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110, USA

The full GNU General Public License is included in this distribution in the file called COPYING.

Contact Information:

Intel Linux Wireless <ilw@linux.intel.com>
Intel Corporation, 5200 N.E. Elam Young Parkway, Hillsboro, OR 97124-6497

BSD LICENSE

Copyright(c) 2005 - 2014 Intel Corporation. All rights reserved.
Copyright(c) 2013 - 2015 Intel Mobile Communications GmbH
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.106 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2003 - 2012 Intel Corporation. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110, USA

The full GNU General Public License is included in this distribution in the file called LICENSE.GPL.

Contact Information:
Intel Corporation.
linux-mei@linux.intel.com
<http://www.intel.com>

BSD LICENSE

Copyright(c) 2003 - 2012 Intel Corporation. All rights reserved.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.107 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2009 Intel Corporation. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St - Fifth Floor, Boston, MA 02110-1301 USA. The full GNU General Public License is included in this distribution in the file called LICENSE.GPL.

BSD LICENSE

Copyright(c) 2009 Intel Corporation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.108 Dual-license

This file is provided under a dual BSD/GPLv2 license. When using or redistributing this file, you may do so under either license.

GPL LICENSE SUMMARY

Copyright(c) 2009 Intel Corporation. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St - Fifth Floor, Boston, MA 02110-1301 USA. The full GNU General Public License is included in this distribution in the file called LICENSE.GPL.

BSD LICENSE

Copyright(c) 2009 Intel Corporation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.109 Dual-license

This file is dual-licensed: you can use it either under the terms of the GPL or the X11 license, at your option. Note that this dual licensing only applies to this file, and not this project as a whole.

a) This library is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Or, alternatively,

b) Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.110 Dual-license

This file is dual-licensed: you can use it either under the terms of the GPL or the X11 license, at your option. Note that this dual licensing only applies to this file, and not this project as a whole.

a) This file is licensed under the terms of the GNU General Public License version 2. This program is licensed "as is" without any warranty of any kind, whether express or implied.

Or, alternatively,

b) Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.111 Dual-license

This file is dual-licensed: you can use it either under the terms of the GPL or the X11 license, at your option. Note that this dual licensing only applies to this file, and not this project as a whole.

a) This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This file is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

Or, alternatively

b) Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED , WITHOUT WARRANTY OF ANY KIND EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.40.3.112 Dual-license

This file is dual licensed. It may be redistributed and/or modified under the terms of the Apache 2.0 License OR version 2 of the GNU General Public License.

1.40.3.113 Dual-license

This file is available under both the GNU General Public License and a BSD-style copyright; see LICENSE.FlashPoint for details.

1.40.3.114 Dual-license

This file is available to you under your choice of the following two licenses:

License 1: GPLv2

Copyright (c) 2014 Advanced Micro Devices, Inc.

This file is free software; you may copy, redistribute and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 2 of the License, or (at your option) any later version.

This file is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

This file incorporates work covered by the following copyright and permission notice:

The Synopsys DWC ETHER XGMAC Software Driver and documentation (hereinafter "Software") is an unsupported proprietary work of Synopsys, Inc. unless otherwise expressly agreed to in writing between Synopsys and you.

The Software IS NOT an item of Licensed Software or Licensed Product under any End User Software License Agreement or Agreement for Licensed Product with Synopsys or any supplement thereto. Permission is hereby granted, free of charge, to any person obtaining a copy of this software annotated with this license and the Software, to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THIS SOFTWARE IS BEING DISTRIBUTED BY SYNOPSYS SOLELY ON AN "AS IS" BASIS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. IN NO EVENT SHALL SYNOPSYS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

License 2: Modified BSD

Copyright (c) 2014 Advanced Micro Devices, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of Advanced Micro Devices, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This file incorporates work covered by the following copyright and permission notice:

The Synopsys DWC ETHER XGMAC Software Driver and documentation (hereinafter "Software") is an unsupported proprietary work of Synopsys, Inc. unless otherwise expressly agreed to in writing between Synopsys and you.

The Software IS NOT an item of Licensed Software or Licensed Product under any End User Software License Agreement or Agreement for Licensed Product with Synopsys or any supplement thereto. Permission is hereby granted, free of charge, to any person obtaining a copy of this software annotated with this license and the Software, to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THIS SOFTWARE IS BEING DISTRIBUTED BY SYNOPSYS SOLELY ON AN "AS IS" BASIS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. IN NO EVENT SHALL SYNOPSYS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.115 Dual-license

This driver is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

It is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, see <<http://www.gnu.org/licenses/>>.

ALTERNATIVELY, this driver may be distributed under the terms of the following license, in which case the provisions of this license are required INSTEAD OF the GNU General Public License. (This clause is necessary due to a potential bad interaction between the GPL and the restrictions contained in a BSD-style copyright.)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.116 Dual-license

This code is released using a dual license strategy: BSD/GPL
You can choose the license that better fits your requirements.

Released under the terms of 3-clause BSD License
Released under the terms of GNU General Public License Version 2.0

1.40.3.117 Dual-license

This code is released using a dual license strategy: BSD/GPL
You can choose the licence that better fits your requirements.

Released under the terms of 3-clause BSD License
Released under the terms of GNU General Public License Version 2.0

1.40.3.118 Dual-license

This code is released under both the GPL version 2 and BSD licenses. Either license may be used.

1.40.3.119 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of Freescale Semiconductor nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this software may be distributed under the terms of the GNU General Public License ("GPL") as published by the Free Software Foundation, either version 2 of that License or (at your option) any later version.

This software is provided by Freescale Semiconductor "as is" and any express or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose are

disclaimed. In no event shall Freescale Semiconductor be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.

1.40.3.120 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of Freescale Semiconductor nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this software may be distributed under the terms of the GNU General Public License ("GPL") as published by the Free Software Foundation, either version 2 of that License or (at your option) any later version.

THIS SOFTWARE IS PROVIDED BY Freescale Semiconductor ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL Freescale Semiconductor BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.121 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL").

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

1.40.3.122 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, this software may be distributed and/or modified under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.123 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the above-listed copyright holders may not be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2, as published by the Free Software Foundation.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.124 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the above-listed copyright holders may not be used to endorse or promote products derived from this software without

specific prior written permission.

ALTERNATIVELY, this software may be distributed under the terms of the GNU General Public License ("GPL") as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.125 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the above-listed copyright holders may not be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this software may be distributed under the terms of the GNU General Public License ("GPL") as published by the Free Software Foundation, either version 2 of that License or (at your option) any later version.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.126 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Volkswagen nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, provided that this notice is retained in full, this software may be distributed under the terms of the GNU General

Public License ("GPL") version 2, in which case the provisions of the GPL apply INSTEAD OF those given above.

The provided data structures and external interfaces from this code are not restricted to be used by modules with a GPL compatible license.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.127 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce at minimum a disclaimer similar to the "NO WARRANTY" disclaimer below ("Disclaimer") and any redistribution must be conditioned upon including a substantially similar Disclaimer requirement for further binary redistribution.
3. Neither the names of the above-listed copyright holders nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

NO WARRANTY

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

1.40.3.128 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License, in which case the provisions of the GPL2 are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential bad interaction between the GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF NOT ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.129 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License, in which case the provisions of the GPL are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential bad interaction between the GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF NOT ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.130 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, this product may be distributed under the terms of the GNU General Public License, in which case the provisions of the GPL are required INSTEAD OF the above restrictions. (This clause is necessary due to a potential bad interaction between the GPL and the restrictions contained in a BSD-style copyright.)

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.131 Dual-license

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

THIS SOFTWARE IS PROVIDED BY ALACRITECH, INC. ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ALACRITECH, INC. OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of # Alacritech, Inc.

1.40.3.132 Dual-license

Distribute under the terms of the GPLv2 (see ../../COPYING) or under the following terms.

Permission to use, copy, modify, and distribute this software and its documentation is hereby granted, provided that the above copyright notice appears in all copies. This software is provided without any warranty, express or implied. Red Hat makes no representations about the suitability of this software for any purpose.

IN NO EVENT SHALL RED HAT BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF

THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF RED HAT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

RED HAT DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND RED HAT HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

1.40.3.133 Dual-license

You may distribute this file under either of the two licenses that follow at your discretion.

BLURB lgpl

Coda File System
Release 5

Copyright (c) 1987-1999 Carnegie Mellon University
Additional copyrights listed below

This code is distributed "AS IS" without warranty of any kind under the terms of the GNU Library General Public Licence Version 2, as shown in the file LICENSE, or under the license shown below. The technical and financial contributors to Coda are listed in the file CREDITS.

Additional copyrights

Coda: an Experimental Distributed File System
Release 4.0

Copyright (c) 1987-1999 Carnegie Mellon University
All Rights Reserved

Permission to use, copy, modify and distribute this software and its documentation is hereby granted, provided that both the copyright notice and this permission notice appear in all copies of the software, derivative works or modified versions, and any portions thereof, and that both notices appear in supporting documentation, and that credit is given to Carnegie Mellon University in all documents and publicity pertaining to direct or indirect use of this code or its derivatives.

CODA IS AN EXPERIMENTAL SOFTWARE SYSTEM AND IS KNOWN TO HAVE BUGS, SOME OF WHICH MAY HAVE SERIOUS CONSEQUENCES. CARNEGIE MELLON ALLOWS FREE USE OF THIS SOFTWARE IN ITS "AS IS" CONDITION. CARNEGIE MELLON DISCLAIMS ANY LIABILITY OF ANY KIND FOR ANY DAMAGES WHATSOEVER RESULTING DIRECTLY OR INDIRECTLY FROM THE USE OF THIS SOFTWARE OR OF ANY DERIVATIVE WORK.

Carnegie Mellon encourages users of this software to return any improvements or extensions that they make, and to grant Carnegie Mellon the rights to redistribute these changes without encumbrance.

1.40.3.134 Dual-license

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2. See the file COPYING included with this distribution for more details.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Panasas company nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.135 Dual-license

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

Alternatively you can redistribute this file under the terms of the BSD license as stated below:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.136 Dual-license

This file is free software: you may copy, redistribute and/or modify it under the terms of the GNU General Public License as published by the

Free Software Foundation, either version 2 of the License, or (at your option) any later version.

This file is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce at minimum a disclaimer similar to the "NO WARRANTY" disclaimer below ("Disclaimer") and any redistribution must be conditioned upon including a substantially similar Disclaimer requirement for further binary redistribution.
3. Neither the names of the above-listed copyright holders nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

NO WARRANTY

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

1.40.3.137 Dual-license

This program can be distributed under the terms of the GNU GPL. See the file COPYING.

This -- and only this -- header file may also be distributed under the terms of the BSD Licence as follows:

Copyright (C) 2001-2007 Miklos Szeredi. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS

OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.138 Dual-license

The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The initial developer of the original code is John G. Dorsey <john+@cs.cmu.edu>. Portions created by John G. Dorsey are Copyright (C) 1999 John G. Dorsey. All Rights Reserved.

Alternatively, the contents of this file may be used under the terms of the GNU Public License version 2 (the "GPL"), in which case the provisions of the GPL are applicable instead of the above. If you wish to allow the use of your version of this file only under the terms of the GPL and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the GPL.

1.40.3.139 Dual-license

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.10.0 or, at your option, any later version of Perl 5 you may have available.

Alternatively, this software may be distributed under the terms of the GNU General Public License ("GPL") version 2 as published by the Free Software Foundation.

1.40.3.140 Cryptogams

Copyright (c) 2006, CRYPTOGAMS by <appro@openssl.org>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain copyright notices, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of the CRYPTOGAMS nor the names of its copyright holder and contributors may be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, provided that this notice is retained in full, this

product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.141 *BSD-style*

The BSD-style License is as follows:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain this LICENSE.FlashPoint file, without modification, this list of conditions, and the following disclaimer. The following copyright notice must appear immediately at the beginning of all source files:

Copyright 1995-1996 by Mylex Corporation. All Rights Reserved

This file is available under both the GNU General Public License and a BSD-style copyright; see LICENSE.FlashPoint for details.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name of Mylex Corporation may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY MYLEX CORP. ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.142 *BSD-style*

According to BSD license, add some modifications

1.40.3.143 *BSD-style*

The free distribution and use of this software in both source and binary form is allowed (with or without changes) provided that:

1. distributions of this source code include the above copyright notice, this list of conditions and the following disclaimer;

2. distributions in binary form include the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other associated materials;

3. the copyright holder's name is not used to endorse products built using this software without specific written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

1.40.3.144 *BSD-style*

The free distribution and use of this software in both source and binary form is allowed (with or without changes) provided that:

1. distributions of this source code include the above copyright notice, this list of conditions and the following disclaimer;

2. distributions in binary form include the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other associated materials;

3. the copyright holder's name is not used to endorse products built using this software without specific written permission.

1.40.3.145 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.146 *BSD-style*

The free distribution and use of this software in both source and binary form is allowed (with or without changes) provided that:

1. distributions of this source code include the above copyright notice, this list of conditions and the following disclaimer;

2. distributions in binary form include the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other associated materials;

3. the copyright holder's name is not used to endorse products built using this software without specific written permission.

1.40.3.147 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.

2. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.148 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification, immediately at the beginning of the file.
2. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.149 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce at minimum a disclaimer similar to the "NO WARRANTY" disclaimer below ("Disclaimer") and any redistribution must be conditioned upon including a substantially similar Disclaimer requirement for further binary redistribution.
3. Neither the names of the above-listed copyright holders nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

NO WARRANTY

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

1.40.3.150 *BSD-style*

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.40.3.151 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Neither the name of Axis Communications nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY AXIS COMMUNICATIONS AND ITS CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL AXIS COMMUNICATIONS OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.152 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that redistributions of source code retain the above copyright notice and this comment without modification.

1.40.3.153 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that redistributions of source code retain the above copyright notice and this comment without

1.40.3.154 *BSD-style*

Copyright (c) 1998-2003 InnoSys Incorporated. All Rights Reserved
This file is available under a BSD-style copyright

Keyspan USB Async Message Formats for the USA19HS

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain this licence text without modification, this list of conditions, and the following disclaimer. The following copyright notice must appear immediately at the beginning of all source files:

Copyright (c) 1998-2003 InnoSys Incorporated. All Rights Reserved

This file is available under a BSD-style copyright

2. The name of InnoSys Incorporated may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY INNOSYS CORP. ``AS IS'' AND ANY EXPRESS OR

IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.155 *BSD-style*

Copyright (C) 1998-2000 InnoSys Incorporated. All Rights Reserved
This file is available under a BSD-style copyright

Keyspan USB Async Message Formats for the USA26X

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain this licence text without modification, this list of conditions, and the following disclaimer. The following copyright notice must appear immediately at the beginning of all source files:

Copyright (C) 1998-2000 InnoSys Incorporated. All Rights Reserved

This file is available under a BSD-style copyright

2. The name of InnoSys Incorporated may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY INNOSYS CORP. ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.156 *BSD-4-Clause-UC*

BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.

4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.157 *BSD-3-Clause_Intel*

Copyright (c) 2012, Intel Corporation

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of the Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY INTEL CORPORATION ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTEL CORPORATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.158 *BSD-3-Clause_INSTITUTE*

Copyright (c) 2004 Kungliga Tekniska Högskolan
(Royal Institute of Technology, Stockholm, Sweden).
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.159 *BSD-3-Clause_Copyright Holders*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.160 *BSD-3-Clause_Broadcom Corporation*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Broadcom Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.161 *BSD-3-Clause_Author_variant*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.162 *BSD-3-Clause-Clear*

The Clear BSD License

This is a license template.

Copyright (c) [xxxx]-[xxxx] [Owner Organization]

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted (subject to the limitations in the disclaimer below) provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of [Owner Organization] nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

NO EXPRESS OR IMPLIED LICENSES TO ANY PARTY'S PATENT RIGHTS ARE GRANTED BY THIS LICENSE. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.163 *BSD-3-Clause(UC)*

The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.164 *BSD-3-Clause(Author)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.165 *BSD-3-Clause - (IBM)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of IBM nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.166 *BSD-3-Clause*

This file may be licensed under BSD-3-Clause or GPL v2 or later, in this context BSD-3-Clause has been chosen. This shall not restrict the freedom of future contributors to choose either BSD-3-Clause or GPL-2.0 or later
.

1.40.3.167 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Freescale Semiconductor nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.168 *BSD-3-Clause*

Copyright (c) {{YEAR}}, {{OWNER}}
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of {{the ORGANIZATION nor the names of its contributors}} may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{THE COPYRIGHT HOLDERS AND CONTRIBUTORS}} "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL {{THE COPYRIGHT HOLDER OR CONTRIBUTORS}} BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.169 *BSD-3-Clause*

This software is provided subject to the following terms and conditions, which you should read carefully before using the software. Using this software indicates your acceptance of these terms and conditions. If you do not agree with these terms and conditions, do not use the software.

Copyright © 2005 Agere Systems Inc.
All rights reserved.

Redistribution and use in source or binary forms, with or without modifications, are permitted provided that the following conditions are met:

. Redistributions of source code must retain the above copyright notice, this list of conditions and the following Disclaimer as comments in the code as well as in the documentation and/or other materials provided with the distribution.

. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following Disclaimer in the documentation and/or other materials provided with the distribution.

. Neither the name of Agere Systems Inc. nor the names of the contributors may be used to endorse or promote products derived from this software without specific prior written permission.

Disclaimer

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, INFRINGEMENT AND THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. ANY USE, MODIFICATION OR DISTRIBUTION OF THIS SOFTWARE IS SOLELY AT THE USERS OWN RISK. IN NO EVENT SHALL AGERE SYSTEMS INC. OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, INCLUDING, BUT NOT LIMITED TO, CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.170 *BSD-3-Clause*

Redistribution and use in source or binary forms, with or without modifications, are permitted provided that the following conditions are met:

. Redistributions of source code must retain the above copyright notice, this list of conditions and the following Disclaimer as comments in the code as well as in the documentation and/or other materials provided with the distribution.

. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following Disclaimer in the documentation and/or other materials provided with the distribution.

. Neither the name of Agere Systems Inc. nor the names of the contributors may be used to endorse or promote products derived from this software without specific prior written permission.

Disclaimer

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, INFRINGEMENT AND THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. ANY USE, MODIFICATION OR DISTRIBUTION OF THIS SOFTWARE IS SOLELY AT THE USERS OWN RISK. IN NO EVENT SHALL AGERE SYSTEMS INC. OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, INCLUDING, BUT NOT LIMITED TO, CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.171 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of Advanced Micro Devices, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.172 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Trident Microsystems nor Hauppauge Computer Works nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.173 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Cavium Networks nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This Software, including technical data, may be subject to U.S. export control laws, including the U.S. Export Administration Act and its associated regulations, and may be subject to export or import regulations in other countries.

TO THE MAXIMUM EXTENT PERMITTED BY LAW, THE SOFTWARE IS PROVIDED "AS IS" AND WITH ALL FAULTS AND CAVIUM NETWORKS MAKES NO PROMISES, REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, WITH RESPECT TO THE SOFTWARE, INCLUDING ITS CONDITION, ITS CONFORMITY TO ANY REPRESENTATION OR DESCRIPTION, OR THE EXISTENCE OF ANY LATENT OR PATENT DEFECTS, AND CAVIUM SPECIFICALLY DISCLAIMS ALL IMPLIED (IF ANY) WARRANTIES OF TITLE, MERCHANTABILITY, NONINFRINGEMENT, FITNESS FOR A PARTICULAR PURPOSE, LACK OF VIRUSES, ACCURACY OR COMPLETENESS, QUIET ENJOYMENT, QUIET POSSESSION OR CORRESPONDENCE TO DESCRIPTION. THE ENTIRE RISK ARISING OUT OF USE OR PERFORMANCE OF THE SOFTWARE LIES WITH YOU.

1.40.3.174 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the above-listed copyright holders may not be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.175 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of David Young may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY DAVID YOUNG ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A

PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL DAVID YOUNG BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.176 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.177 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Volkswagen nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.178 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Myricom, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.179 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.180 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name Texas Instruments nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.181 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name Texas Instruments nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.182 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Texas Instruments Incorporated nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.183 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Panasas company nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.184 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of OpenVPN Technologies nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.185 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Network Appliance, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.186 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Network Appliance, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.187 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Panasas company nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.188 *BSD-3-Clause*

Redistribution and use in source and binary forms of the 3c990img.h microcode software are permitted provided that the following conditions are met:

1. Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name of 3Com may not be used to endorse or promote products derived from this software without specific prior written permission

THIS SOFTWARE IS PROVIDED BY 3COM ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.189 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.190 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.191 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the Panasas company nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.40.3.192 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer, without modification.
2. Redistributions in binary form must reproduce at minimum a disclaimer similar to the "NO WARRANTY" disclaimer below ("Disclaimer") and any redistribution must be conditioned upon including a substantially similar Disclaimer requirement for further binary redistribution.
3. Neither the names of the above-listed copyright holders nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

1.40.3.193 *BSD-3-Clause*

1. Redistribution of source code (only if applicable), must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of QLogic Corporation may not be used to endorse or promote products derived from this software without specific prior written permission

REGARDLESS OF WHAT LICENSING MECHANISM IS USED OR APPLICABLE, THIS PROGRAM IS PROVIDED BY QLOGIC CORPORATION "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

USER ACKNOWLEDGES AND AGREES THAT USE OF THIS PROGRAM WILL NOT CREATE OR GIVE GROUNDS FOR A LICENSE BY IMPLICATION, ESTOPPEL, OR OTHERWISE IN ANY INTELLECTUAL PROPERTY RIGHTS (PATENT, COPYRIGHT, TRADE SECRET, MASK WORK, OR OTHER PROPRIETARY RIGHT) EMBODIED IN ANY OTHER QLOGIC HARDWARE OR SOFTWARE EITHER SOLELY OR IN COMBINATION WITH THIS PROGRAM.

1.40.3.194 BSD-2-Clause-Author-variant

```
* Redistribution and use in source and binary forms, with or without modifica-
* tion, are permitted provided that the following conditions are met:
*
* 1. Redistributions of source code must retain the above copyright notice,
*    this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MER-
* CHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.  IN NO
* EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPE-
* CIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
* PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS;
* OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
* WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTH-
* ERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.40.3.195 BSD-2-Clause

```
Copyright (c) <YEAR>, <OWNER>
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

1.40.3.196 BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.41 Iz4 1.9.2

1.41.1 Copyrights

Copyright: (C) 2011+ Yann Collet

Copyright : Takayuki Matsuoka

Copyright : Kyle Harper

Copyright (c) 2018-present Izutao <taolzu(at)gmail.com> All rights reserved.

Copyright (c) 2016-present, Przemyslaw Skibinski All rights reserved.

Copyright (c) 2016-present, Facebook, Inc. All rights reserved.

Copyright (c) 2014, Ipsantil All rights reserved.

Copyright (c) 2013-2015 Yann Collet

Copyright (c) 2011-2016, Yann Collet All rights reserved.

Copyright (C) Yann Collet 2016

Copyright (C) Yann Collet 2011-2012 -2016

Copyright (C) Yann Collet 2011-2017

Copyright (C) 2016-present, Przemyslaw Skibinski, Yann Collet

Copyright (C) 2011-2017 , Yann Collet

Copyright (C) 2011-present, Yann Collet.

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.41.2 Acknowledgements

To the extent files may be licensed under BSD-2-Clause or GPL-2.0, in this context BSD-2-Clause has been chosen.

This shall not restrict the freedom of other users to choose either BSD-2-Clause or GPL-2.0 license.

1.41.3 Licenses

1.41.3.1 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.41.3.2 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.41.3.3 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.41.3.4 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.41.3.5 *Dual License - GPL-2.0 and BSD-2-Clause*

This source code is licensed under both the BSD-style license (found in the LICENSE file in the root directory of this source tree) and the GPLv2 (found in the COPYING file in the root directory of this source tree).

1.41.3.6 *GPL-2.0*

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous

contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.41.3.7 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software

Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.42 Izo 2.10

1.42.1 Copyrights

Copyright: LZO Copyright (C) 1996-2017 Markus Franz Xavier Johannes Oberhumer
markus@oberhumer.com> <http://www.oberhumer.com>

Copyright © 2004 Scott James Remnant <scott@netsplit.com>.

Copyright 1996-2017 Free Software Foundation, Inc. Taken from GNU libtool, 2001 Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996

Copyright 1992-2017 Free Software Foundation, Inc.

Copyright (c) 1994-2008 Ralf S. Engelschall <rse@engelschall.com>

Copyright (c) 1995-1997 Free Software Foundation, Inc.

Copyright (C) 2010-2017 Free Software Foundation, Inc. Written by Peter Rosin
<peda@lysator.liu.se>.

Copyright (C) 2004-2005, 2007- 2008-2011 -2013 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004

Copyright (C) 2004-2005, 2007, 2009, 2011-2013 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.

Copyright (C) 2004, 2011-2013 Free Software Foundation, Inc. Written by Scott James Remnant, 2004

Copyright (C) 1989-2006 -2017 Free Software Foundation, Inc.

Copyright (C) 1999-2017 Free Software Foundation, Inc. Written by Tom Tromey
<tromey@cygnus.com>.

Copyright (C) 1998-1999, 2001, 2003, 2005-2007, 2009-2017 Free Software Foundation, Inc.

Copyright (C) 1996-2017 Markus Franz Xavier Oberhumer All Rights Reserved.

Copyright (C) 1996-2017 Markus Franz Xavier Johannes Oberhumer. All Rights Reserved.

Copyright (C) 1996-2017 Markus Franz Xavier Johannes Oberhumer All Rights Reserved.

Copyright (C) 1996-2017 Markus Franz Xavier Johannes Oberhumer

Copyright (C) 1996-2017 Markus F.X.J. Oberhumer

Copyright (C) 1996-2017 Free Software Foundation, Inc. Originally written by Fran,cois Pinard
<pinard@iro.umontreal.ca>, 1996.

Copyright (C) 1996-2001, 2003-2013 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996

Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996

Copyright (C) 1995-2017 Free Software Foundation, Inc. written by Ulrich Drepper
<drepper@gnu.ai.mit.edu>, June 1995
Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002 Free Software Foundation, Inc.
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
COPYRIGHT(C) 1996-2017 Markus Franz Xaver Johannes Oberhumer. All Rights Reserved.

1.42.2 Licenses

1.42.2.1 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system,

which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.43 mmc-utils 0.1_73d6c59af8

1.43.1 Copyrights

Copyright (c) 2016 SanDisk Corp.
Copyright (c) 2006, 2008 Junio C Hamano
Copyright (C) ST-Ericsson SA 2010-2011 Author: Sebastian Rasmussen
<sebastian.rasmussen@stericsson.com>
Copyright (C) 2005-2007 Olivier Gay <olivier.gay@a3.epfl.ch> All rights reserved.

1.43.2 Licenses

1.43.2.1 GPL-2.0

GNU General Public License, version 2
What to do if you see a possible GPL violation
Translations of the GPL
GPL Frequently Asked Questions
The GNU General Public License (GPL) in plain text format
The GNU General Public License (GPL) in Texinfo format
The GNU General Public License (GPL) in LaTeX format
The GNU General Public License (GPL) as an appendix in DocBook format
Table of Contents

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent

licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.43.2.2 BSD-3-Clause(THE PROJECT AND CONTRIBUTORS)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE PROJECT AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE PROJECT OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.43.2.3 *BSD-3-Clause(ST-Ericsson SA)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the ST-Ericsson SA nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.44 modutils-initscripts 1.0

1.44.1 Licenses

1.44.1.1 *Public-domain*

Public domain software is software that is not copyrighted. If the source code is in the public domain, that is a special case of noncopyrighted free software, which means that some copies or modified versions may not be free at all.

In some cases, an executable program can be in the public domain but the source code is not available. This is not free software, because free software requires accessibility of source code. Meanwhile, most free software is not in the public domain; it is copyrighted, and the copyright holders have legally given permission for everyone to use it in freedom, using a free software license.

Sometimes people use the term "public domain" in a loose fashion to mean "free" or "available gratis." However, "public domain" is a legal term and means, precisely, "not copyrighted". For clarity, we recommend using "public domain" for that meaning only, and using other terms to convey the other meanings.

Under the Berne Convention, which most countries have signed, anything written down is automatically copyrighted. This includes programs. Therefore, if you want a program you have written to be in the public domain, you must take some legal steps to disclaim the copyright on it; otherwise, the program is copyrighted.

1.45 mtd-utils 2.1.3

1.45.1 Copyrights

Copyright © International Business Machines Corp., 2006
Copyright © 1999-2010 David Woodhouse <dwmw2@infradead.org> et al.
Copyright © 1999-2010 David Woodhouse <dwmw2@infradead.org>
Copyright 2015 The Chromium OS Authors.
Copyright 2001, 2002 Red Hat, Inc. 2001 David A. Schleef <ds@lineo.com> 2002 Axis Communications AB 2001, 2002 Erik Andersen <andersen@codepoet.org> 2004 University of Szeged, Hungary 2006 KaiGai Kohei <kaigai@ak.jp.nec.com>
Copyright (c) International Business Machines Corp., 2006
Copyright (c) Ezequiel Garcia, 2014
Copyright (c) Erik Andersen <andersen@codepoet.org>
Copyright (c) Artem Bityutskiy, 2007, 2008
Copyright (c) 2d3D, Inc. Written by Abraham vd Merwe <abraham@2d3d.co.za> All rights reserved.
Copyright (c) 2005 Ben Gardner <bgardner@wabtec.com>
Copyright (c) 2002-2004 , Christopher Clark All rights reserved.
Copyright (c) 2001 Jari Kirma <Jari.Kirma@hut.fi>
Copyright (c) 2000-2007 by Nicolas Devillard.
Copyright (C) 2017 sigma star gmbh
Copyright (C) 2017 David Oberhollenzer - sigma star gmbh
Copyright (C) 2010 Mike Frysinger <vapier@gentoo.org>
Copyright (C) 2006-2009 Nokia Corporation
Copyright (C) 2008 University of Szeged, Hungary
Copyright (C) 2008 Logitech.
Copyright (C) 2007 Nokia Corporation. All rights reserved.
Copyright (C) 2003-2005 Thomas Gleixner
Copyright (C) 2005 Sean Young <sean@mess.org>
Copyright (C) 2004 Zoltan Sogor <weth@inf.u-szeged.hu>, Ferenc Havasi <havasi@inf.u-szeged.hu> University of Szeged, Hungary 2006 KaiGai Kohei <kaigai@ak.jp.nec.com>
Copyright (C) 2004 Ferenc Havasi <havasi@inf.u-szeged.hu>, Zoltan Sogor <weth@inf.u-szeged.hu>, Patrik Kluba <pajko@halom.u-szeged.hu>, University of Szeged, Hungary
Copyright (C) 2004 Ferenc Havasi <havasi@inf.u-szeged.hu>, University of Szeged, Hungary
Copyright (C) 2002-2004 Christopher Clark
Copyright (C) 2003 Thomas Gleixner (tgix@linutronix.de)
Copyright (C) 2002, 2004 Christopher Clark <firstname.lastname@cl.cam.ac.uk>
Copyright (C) 2001-2003 Red Hat, Inc.
Copyright (C) 2001, 2002 Erik Andersen <andersen@codepoet.org>
Copyright (C) 2000 Steven J. Hill (sjhill@realitydiluted.com) 2003 Thomas Gleixner (tgix@linutronix.de)
Copyright (C) 2000 David Woodhouse (dwmw2@infradead.org) Steven J. Hill (sjhill@realitydiluted.com)
Copyright (C) 2000 Arcom Control Systems Ltd
Copyright (C) 2000 Arcom Control System Ltd
Copyright (C) 1999 David A. Hinds. All Rights Reserved.
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Copyright International Business Machines Corp., 2006
Copyright 2016 sigma star gmbh
Copyright 2008 Nokia Corporation

Copyright 2017 David Oberhollenzer - sigma star gmbh
COPYRIGHT (C) 1986 Gary S. Brown.
(C) 2002 David Woodhouse <dwmw2@infradead.org>
(C) 1999 Andrea Arcangeli <andrea@suse.de>
(C) 1997-98 Luigi Rizzo (luigi@iet.unipi.it)

1.45.2 Acknowledgements

To the extent files may be licensed under GPL-2.0 or RHeCos-1.1 license, in this context GPL-2.0 has been chosen. This shall not restrict the freedom of other users to choose either GPL-2.0 or RHeCos-1.1 license. For convenience all license texts are included in this document.

To the extent files may be licensed under GPL-2.0 or MPL-1.1 license, in this context GPL-2.0 has been chosen. This shall not restrict the freedom of other users to choose either GPL-2.0 or MPL-1.1 license. For convenience all license texts are included in this document.

1.45.3 Licenses

1.45.3.1 **GPL-2.0**

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they

have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free

redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.45.3.2 Zlib License

zlib License

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.45.3.3 *Dual License :RHeCos-1.1 or GPL-2.0*

The original JFFS, from which the design for JFFS2 was derived, was designed and implemented by Axis Communications AB.

The contents of this file are subject to the Red Hat eCos Public License Version 1.1 (the "Licence"); you may not use this file except in compliance with the Licence. You may obtain a copy of the Licence at <http://www.redhat.com/>

Software distributed under the Licence is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the Licence for the specific language governing rights and limitations under the Licence.

The Original Code is JFFS2 - Journalling Flash File System, version 2

Alternatively, the contents of this file may be used under the terms of the GNU General Public License version 2 (the "GPL"), in which case the provisions of the GPL are applicable instead of the above. If you wish to allow the use of your version of this file only under the terms of the GPL and not to allow others to use your version of this file under the RHEPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL. If you do not delete the provisions above, a recipient may use your version of this file under either the RHEPL or the GPL.

1.45.3.4 *BSD-2-Clause- AUTHOR(S)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR(S) "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR(S) OR CONTRIBUTOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.45.3.5 *Dual license MPL-1.1/GPL-2.0*

The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The initial developer of the original code is David A. Hinds <dhinds@pcmcia.sourceforge.org>. Portions created by David A. Hinds are Copyright (C) 1999 David A. Hinds. All Rights Reserved.

Alternatively, the contents of this file may be used under the terms of the GNU Public License version 2 (the "GPL"), in which case the provisions of the GPL are applicable instead of the above. If you wish to allow the use of your version of this file only under the terms of the GPL and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the GPL.

1.45.3.6 *BSD-3-Clause(Author)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of the original author; nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.45.3.7 *License Notice*

For licensing information, see the file 'LICENCE' in this directory.

1.45.3.8 *License Notice*

For licensing information, see the file 'LICENCE' in this directory in the jffs2 directory.

1.45.3.9 *License Notice*

For licensing information, see the file 'LICENCE' in the jffs2 directory.

1.45.3.10 *Permission Notice*

You may use this program, or code or tables extracted from it, as desired without restriction.

1.45.3.11 *RHeCos-1.1*

Red Hat eCos Public License v1.1

1. DEFINITIONS

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

B. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or a list of source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.

1.13. "Red Hat Branded Code" is code that Red Hat distributes and/or permits others to distribute under different terms than the Red Hat eCos Public License. Red Hat's Branded Code may contain part or all of the Covered Code.

2. SOURCE CODE LICENSE

2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, or as part of a Larger Work; and

(b) under patents now or hereafter owned or controlled by Initial Developer, to make, have made, use and sell ("Utilize") the Original Code (or portions thereof), but solely to the extent that any such patent is reasonably necessary to enable You to Utilize the Original Code (or portions thereof) and not to any greater extent that may be necessary to Utilize further Modifications or combinations.

2.2. Contributor Grant. Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code or as part of a Larger Work; and

(b) under patents now or hereafter owned or controlled by Contributor, to Utilize the Contributor Version (or portions thereof), but solely to the extent that any such patent is reasonably necessary to enable You to Utilize the Contributor Version (or portions thereof), and not to any greater extent that may be necessary to Utilize further Modifications or combinations.

3. DISTRIBUTION OBLIGATIONS

3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available and to the Initial Developer; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party. You are responsible for notifying the Initial Developer of the Modification and

the location of the Source if a contact means is provided. Red Hat will be acting as maintainer of the Source and may provide an Electronic Distribution mechanism for the Modification to be made available. You can contact Red Hat to make the Modification available and to notify the Initial Developer. (<http://sourceware.cygnum.com/ecos/>)

3.3. Description of Modifications. You must cause all Covered Code to which you contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims. If You have knowledge that a party claims an intellectual property right in particular functionality or code (or its utilization under this License), you must include a text file with the source code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If you obtain such knowledge after You make Your Modification available as described in Section 3.2, You shall promptly modify the LEGAL file in all copies You make available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs. If Your Modification is an application programming interface and You own or control patents which are reasonably necessary to implement that API, you must also include this information in the LEGAL file.

3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code, and this License in any documentation for the Source Code, where You describe recipients' rights relating to Covered Code. If You created one or more Modification(s), You may add your name as a Contributor to the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then you must include such notice in a location (such as a relevant directory file) where a user would be likely to look for such a notice. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code.

However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

If you distribute executable versions containing Covered Code, you must reproduce the notice in Exhibit B in the documentation and/or other materials provided with the product.

3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. INABILITY TO COMPLY DUE TO STATUTE OR REGULATION

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; (b) cite the statute or regulation that prohibits you from adhering to the license; and (c) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it. You must submit this LEGAL file to Red Hat for review, and You will not be able use the covered code in any means until permission is granted from Red Hat to allow for the inability to comply due to statute or regulation.

5. APPLICATION OF THIS LICENSE

This License applies to code to which the Initial Developer has attached the notice in Exhibit A, and to related Covered Code.

Red Hat may include Covered Code in products without such additional products becoming subject to the terms of this License, and may license such additional products on different terms from those contained in this License.

Red Hat may license the Source Code of Red Hat Branded Code without Red Hat Branded Code becoming subject to the terms of this License, and may license Red Hat Branded Code on different terms from those contained in this License. Contact Red Hat for details of alternate licensing terms available.

6. VERSIONS OF THE LICENSE

6.1. New Versions. Red Hat may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions. Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Red Hat. No one other than Red Hat has the right to modify the terms applicable to Covered Code beyond what is granted under this and subsequent Licenses.

6.3. Derivative Works. If you create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), you must (a) rename Your license so that the phrases "ECOS", "eCos", "Red Hat", "RHEPL" or any confusingly similar phrase do not appear anywhere in your license and (b) otherwise make it clear that your version of the license contains terms which differ from the Red Hat eCos Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE

IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. TERMINATION

This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO YOU OR ANY OTHER PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THAT EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. MISCELLANEOUS

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in, the United States of America: (a) unless otherwise agreed in writing, all disputes relating to this License (excepting any dispute relating to intellectual property rights) shall be subject to final and binding arbitration, with the losing party paying all costs of arbitration; (b) any arbitration relating to this Agreement shall be held in Santa Clara County, California, under the auspices of JAMS/EndDispute; and (c) any litigation relating to this Agreement shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. RESPONSIBILITY FOR CLAIMS

Except in cases where another Contributor has failed to comply with Section 3.4, You are responsible for damages arising, directly or indirectly, out of Your utilization of rights under this License, based on the number of copies of Covered Code you made available, the revenues you received from utilizing such rights, and other relevant

factors. You agree to work with affected parties to distribute responsibility on an equitable basis.

13. ADDITIONAL TERMS APPLICABLE TO THE RED HAT ECOS PUBLIC LICENSE

Nothing in this License shall be interpreted to prohibit Red Hat from licensing under different terms than this License any code which Red Hat otherwise would have a right to license.

Red Hat and logo - This License does not grant any rights to use the trademark Red Hat, the Red Hat logo, eCos logo, even if such marks are included in the Original Code. You may contact Red Hat for permission to display the Red Hat and eCos marks in either the documentation or the Executable version beyond that required in Exhibit B.

Inability to Comply Due to Contractual Obligation - To the extent that Red Hat is limited contractually from making third party code available under this License, Red Hat may choose to integrate such third party code into Covered Code without being required to distribute such third party code in Source Code form, even if such third party code would otherwise be considered "Modifications" under this License. EXHIBIT A

"The contents of this file are subject to the Red Hat eCos Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.redhat.com/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is eCos - Embedded Configurable Operating System, released September 30, 1998. The Initial Developer of the Original Code is Red Hat. Portions created by Red Hat are Copyright (C) 1998, 1999, 2000 Red Hat, Inc. All Rights Reserved."

EXHIBIT B

Part of the software embedded in this product is eCos - Embedded Configurable Operating System, a trademark of Red Hat. Portions created by Red Hat are Copyright (C) 1998, 1999, 2000 Red Hat, Inc. (<http://www.redhat.com/>). All Rights Reserved.

THE SOFTWARE IN THIS PRODUCT WAS IN PART PROVIDED BY RED HAT AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.45.3.12 BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.45.3.13 MPL-1.1

Mozilla Public License Version 1.1

1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

a. under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

b. under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

c. the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

d. Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

a. under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

b. under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

c. the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

d. Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or

4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a

relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License

published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. Termination

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

a. such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

b. any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. government end users

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. Miscellaneous

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. Responsibility for claims

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. Multiple-licensed code

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A. Exhibit A - Mozilla Public License.

"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is _____ .

The Initial Developer of the Original Code is _____ .

Portions created by _____ are Copyright (C) _____. All Rights Reserved.

Contributor(s): _____ .

Alternatively, the contents of this file may be used under the terms of the _____ license (the " [____] License"), in which case the provisions of [_____] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [____] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [____] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [____] License."

NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.

1.45.3.14 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.45.3.15 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under

this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be

guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.46 Mustache (C++) 3.2.1

1.46.1 Copyrights

Copyright 2015-2018 Kevin Wojniak
Copyright (c) 2012 Two Blue Cubes Ltd. All rights reserved.

1.46.2 Licenses

1.46.2.1 *BSL-1.0*

Permission is hereby granted, free of charge, to any person or organization
obtaining a copy of the software and accompanying documentation covered by
this license (the "Software") to use, reproduce, display, distribute,
execute, and transmit the Software, and to prepare derivative works of the
Software, and to permit third-parties to whom the Software is furnished to
do so, all subject to the following:

The copyright notices in the Software and this entire statement, including
the above license grant, this restriction and the following disclaimer,
must be included in all copies of the Software, in whole or in part, and
all derivative works of the Software, unless such copies or derivative
works are solely in the form of machine-executable object code generated by
a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT
SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE
FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE,
ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS IN THE SOFTWARE.

1.47 net-snmp 5.8

1.47.1 Copyrights

Copyright year update for NAI and Cambridge
Copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).
copyright (c) 2001-2003, Cambridge Broadband Ltd. All rights reserved.
Copyright (c) 2004, Cisco URP imburses and Network Information Center in Beijing University
of Posts and Telecommunications researches.
Copyright (c) 2004, Cisco, Inc and Information Network Center of Beijing University of Posts and
Telecommunications. All rights reserved.

Copyright (c) 2009 Science Logic, Inc. All rights reserved
Copyright (c) 2004 Scott James Remnant <scott@netsplit.com>.
Copyright remains Eric Young's.
Copyright (c) Tripleplay Services Limited 2005 All rights reserved.
Copyright (c) Patrick Powell 1995 This code is based on code written by Patrick Powell
(papowell@astart.com)
Copyright (c) 2003-2009 Sun Microsystems, Inc. All rights reserved.
Copyright (c) 2010 Lennart Poettering
Copyright (c) 1999, 2000 - D.T.Shield.
Copyright (c) 1997 Niels Baggesen
Copyright (c) 1989 TGV, Incorporated
Copyright (c) 1988-1998 by Carnegie Mellon University
Copyright (c) Fabasoft R&D Software GmbH & Co KG, 2003 oss@fabasoft.com Author:
Bernhard Penz <bernhard.penz@fabasoft.com>
Copyright (c) 2017-2018, Information Sciences Institute All rights reserved.
Copyright (c) 2009-2017 IETF Trust and the persons identified as authors of the code. All rights
reserved.
Copyright (c) 2016 VMware, Inc. All rights reserved.
Copyright (c) 2013, 2015, Arista Networks, inc. All rights reserved.
Copyright (c) 2010 Cobham Analytic Solutions - All rights reserved.
Copyright (c) 2009-2010 Bart Van Assche <bart.vanassche@gmail.com>.
Copyright (c) 2006-2009, ScienceLogic, LLC All rights reserved.
Copyright (c) 2006-2009 Alex Burger.
Copyright (c) 2006 Andy Gross. See LICENSE.txt for details.
Copyright (c) 2003-2013, SPARTA, Inc All rights reserved.
Copyright (c) 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054,
U.S.A. All rights reserved.
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.
Copyright (c) 2002-2004, 2007 Apple Computer, Inc. All rights reserved.
Copyright (c) 2001-2003, Networks Associates Technology, Inc All rights reserved.
Copyright (c) 2000-2003 Frank Strauss <strauss@ibr.cs.tu-bs.de>
Copyright (c) 1999 Frank Strauss, Technical University of Braunschweig. Modified by Niels
Baggesen
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 1996 by Internet Software Consortium.
Copyright (c) 1995-2006, 2010 G. S. Marzot. All rights reserved.
Copyright (c) 1983-2000 Regents of the University of California. All rights reserved.
Copyright (c) The Internet Society (1999-2006). All Rights Reserved.
Copyright (c) 2004, 2005, 2007, 2009 Free Software Foundation, Inc. Written by Scott James
Remnant, 2004
Copyright (c) 2004, 2005, 2007, 2008, 2009 Free Software Foundation, Inc. Written by Gary V.
Vaughan, 2004
Copyright (c) 2004 W. Hardaker
Copyright (c) 2001, Paul Marquess.
Copyright (c) 2001 Tali Rozin, Optical Access
Copyright (c) 2001 Alex Rozin, Optical Access
Copyright (c) 1999, Kenneth Albanowski.
Copyright (c) 1996- 2001, 2003-2010 Free Software Foundation, Inc. Written by Gordon
Matzigkeit, 1996
Copyright (c) 1992-2010 Free Software Foundation, Inc.
Copyright (c) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.
Copyright (c) 1994 X Consortium
Copyright (c) 2009, 2010 IBM Corp., All Rights Reserved
Copyright (c) 1990 RSA Data Security, Inc.

1.47.2 Acknowledgements

To the extent files may be licensed under Artistic 1.0 or GPL-1.0+, in this context, Artistic 1.0 has been chosen. This shall not restrict the freedom of future users to choose Artistic 1.0 or GPL-1.0+.

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"

"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

1.47.3 Licenses

1.47.3.1 *BSD-3-Clause*

Copyright (c) {{YEAR}}, {{OWNER}}
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of {{the ORGANIZATION nor the names of its contributors}} may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{THE COPYRIGHT HOLDERS AND CONTRIBUTORS}} "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL {{THE COPYRIGHT HOLDER OR CONTRIBUTORS}} BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.2 *BSD-3-Clause*

copyright (c) 2003-2010, Sparta, Inc
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Sparta, Inc nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 2: ScienceLogic, LLC (BSD) ----

Copyright (c) 2006, ScienceLogic, LLC
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of ScienceLogic, LLC nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.3 *BSD-3-Clause*

Use is subject to license terms specified in the COPYING file distributed with the Net-SNMP package.

1.47.3.4 *BSD-3-Clause*

Use is subject to license terms specified in the COPYING file distributed with the Net-SNMP package

1.47.3.5 *BSD-3-Clause*

Use is subject to license terms specified in the COPYING file

* distributed with the Net-SNMP package.

1.47.3.6 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided

that the following conditions are met:

. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

. Redistributions in binary form must reproduce the above copyright notice, this list of conditions

and the following disclaimer in the documentation and/or other materials provided with the

distribution.

. Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors,

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.7 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of VMware, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.8 *BSD-3-Clause*

License is chosen as per net-snmp-5.8/python/LICENSE

1.47.3.9 *BSD-3-Clause*

Copyright (c) 2001-2003, Networks Associates Technology, Inc

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of the Networks Associates Technology, Inc nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 3: Cambridge Broadband Ltd. copyright notice (BSD) ----

Portions of this code are copyright (c) 2001-2003, Cambridge Broadband Ltd. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * The name of Cambridge Broadband Ltd. may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 4: Sun Microsystems, Inc. copyright notice (BSD) ----

Copyright (c) 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara,

California 95054, U.S.A. All rights reserved.

Use is subject to license terms below.

This distribution may include materials developed by third parties.

Sun, Sun Microsystems, the Sun logo and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of the Sun Microsystems, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Part 5: Sparta, Inc copyright notice (BSD) -----

Copyright (c) 2003-2013, Sparta, Inc
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Sparta, Inc nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR

OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Part 6: Cisco/BUPTNIC copyright notice (BSD) -----

Copyright (c) 2004, Cisco, Inc and Information Network
Center of Beijing University of Posts and Telecommunications.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Cisco, Inc, Beijing University of Posts and Telecommunications, nor the names of their contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Part 7: Fabasoft R&D Software GmbH & Co KG copyright notice (BSD) -----

Copyright (c) Fabasoft R&D Software GmbH & Co KG, 2003
oss@fabasoft.com
Author: Bernhard Penz <bernhard.penz@fabasoft.com>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * The name of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries, brand or product names may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE

OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Part 8: Apple Inc. copyright notice (BSD) -----

Copyright (c) 2007 Apple Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Apple Inc. ("Apple") nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY APPLE AND ITS CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL APPLE OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Part 9: ScienceLogic, LLC copyright notice (BSD) -----

Copyright (c) 2009, ScienceLogic, LLC
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of ScienceLogic, LLC nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH

DAMAGE.

----- Part 11: IETF copyright notice (BSD) -----

Copyright (c) 2013 IETF Trust and the persons identified as authors of the code. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors, may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Part 12: Arista Networks copyright notice (BSD) -----

Copyright (c) 2013, Arista Networks, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Arista Networks, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 13: VMware, Inc. copyright notice (BSD) ----

Copyright (c) 2016, VMware, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of VMware, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---- Part 14: USC/Information Sciences Institute copyright notice (BSD) ----

Copyright (c) 2017-2018, Information Sciences Institute
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * Neither the name of Information Sciences Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF

ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.10 *BSD-3-Clause*

.\\" Use is subject to license terms specified in the COPYING file
 .\" distributed with the Net-SNMP package.

1.47.3.11 *BSD-3-Clause*

See the file "COPYING" for information on usage and redistribution
 # of this file, and for a DISCLAIMER OF ALL WARRANTIES.

1.47.3.12 *BSD-3-Clause*

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions are
* met:
*
* * Redistributions of source code must retain the above copyright notice,
*   this list of conditions and the following disclaimer.
*
* * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
*
* * Neither the name of Arista Networks, Inc. nor the names of its
*   contributors may be used to endorse or promote products derived
*   from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
* ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
* A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
* HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
* BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
* OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
* TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
* USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
* DAMAGE.
```

1.47.3.13 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without
 modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
 this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
 notice, this list of conditions and the following disclaimer in the
 documentation and/or other materials provided with the distribution.

* The name of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries,
 brand or product names may not be used to endorse or promote products
 derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY
 EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
 IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
 PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE
 LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
 CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
 BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
 WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE

OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

1.47.3.14 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * The name of Fabasoft R&D Software GmbH & Co KG or any of its subsidiaries, brand or product names may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.15 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors, may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS 'AS IS' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.16 GPL-2.0+-with autoconf exception

This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program.

1.47.3.17 GPL-2.0+-with autoconf exception

```
# This program is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 2 of the License, or
# (at your option) any later version.
#
# This program is distributed in the hope that it will be useful, but
# WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
# General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
#
# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
```

1.47.3.18 MIT style

Permission to use, copy, modify and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appears in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of CMU and The Regents of the University of California not be used in advertising or publicity pertaining to distribution of the software without specific written permission.

CMU AND THE REGENTS OF THE UNIVERSITY OF CALIFORNIA DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL CMU OR THE REGENTS OF THE UNIVERSITY OF CALIFORNIA BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM THE LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.47.3.19 GPL-2.0+-with-libtool-exception

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another

language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or

otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS

TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

As a special exception to the GNU General Public License,
if you distribute this file as part of a program or library that
is built using GNU Libtool, you may include this file under the
same distribution terms that you use for the rest of that program.

1.47.3.20 FSF-with-disclaimer-of-warranty

```
# This file is free software; the Free Software Foundation
# gives unlimited permission to copy and/or distribute it,
# with or without modifications, as long as this notice is preserved.
```

```
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY, to the extent permitted by law; without
# even the implied warranty of MERCHANTABILITY or FITNESS FOR A
# PARTICULAR PURPOSE.
```

1.47.3.21 Artistic-1.0-Perl

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be
copied, such that the Copyright Holder maintains some semblance of artistic control
over the development of the package, while giving the users of the package the right
to use and distribute the Package in a more-or-less customary fashion, plus the right
to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and
derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been
modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost,
duplication charges, time of people involved, and so on. (You will not be required to
justify it to the Copyright Holder, but only to the computing community at large as a
market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may
be fees involved in handling the item. It also means that recipients of the item may
redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
 - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
 - b) use the modified Package only within your corporation or organization.
 - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
 - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
 - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
 - b) accompany the distribution with the machine-readable source of the Package with your modifications.
 - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
 - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.47.3.22 FSF-Configure-Script-License

This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it

1.47.3.23 FSF-Makefile-License

This Makefile.in is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.47.3.24 Freeware

* This code is based on code written by Patrick Powell (papowell@astart.com)
* It may be used for any purpose as long as this notice remains intact
* on all source code distribution

1.47.3.25 Public-domain

Public domain.Written by Dale Rahn.

1.47.3.26 Public-domain

FSF changes to this file are in the public domain.

1.47.3.27 Public-domain

Author: Noah Friedman <friedman@prep.ai.mit.edu>
Created: 1993-05-16
Public domain

1.47.3.28 Public-domain

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
* @author Paulo Barreto <paulo.barreto@terra.com.br>
*
* This code is hereby placed in the public domain.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHORS 'AS IS' AND ANY EXPRESS
* OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
* BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
* WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
* OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,
* EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.47.3.29 Public-domain

"Unless otherwise stated in individual source files,

THIS SOFTWARE IS NOT COPYRIGHTED

This source code is offered for use in the public domain. You may use, modify or distribute it freely.

This source code is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY. ALL WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY DISCLAIMED. This includes but is not limited to warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE."

1.47.3.30 *Public-domain*

THIS SOFTWARE IS NOT COPYRIGHTED

This source code is offered for use in the public domain. You may use, modify or distribute it freely.

This source code is distributed in the hope that it will be useful but WITHOUT ANY WARRANTY. ALL WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY DISCLAIMED. This includes but is not limited to warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

1.47.3.31 *MIT-style*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies.

I DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL I BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.47.3.32 *MIT-style*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of CMU not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

CMU DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL CMU BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.47.3.33 *MIT-style*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of CMU and TGV not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

CMU AND TGV DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL CMU OR TGV BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.47.3.34 MIT-style

According to MIT license, add some modifications

1.47.3.35 MIT-style

```
.\" Permission to use, copy, modify, and distribute this software and its
.\" documentation for any purpose and without fee is hereby granted,
.\" provided that the above copyright notice appear in all copies.
.\"
.\" I DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
.\" ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
.\" I BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
.\" ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
.\" WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
.\" ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
.\" SOFTWARE.
```

1.47.3.36 MIT-style

```
.\" Permission to use, copy, modify, and distribute this software and its
.\" documentation for any purpose and without fee is hereby granted,
.\" provided that the above copyright notice appear in all copies and that
.\" both that copyright notice and this permission notice appear in
.\" supporting documentation, and that the name of CMU not be
.\" used in advertising or publicity pertaining to distribution of the
.\" software without specific, written prior permission.
.\"
.\" CMU DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
.\" ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
.\" CMU BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
.\" ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
.\" WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
.\" ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
.\" SOFTWARE.
```

1.47.3.37 MIT-style

```
# Permission is hereby granted, free of charge, to any person obtaining a copy
# of this software and associated documentation files (the "Software"), to
# deal in the Software without restriction, including without limitation the
# rights to use, copy, modify, merge, publish, distribute, sublicense, and/or
# sell copies of the Software, and to permit persons to whom the Software is
# furnished to do so, subject to the following conditions:
#
# The above copyright notice and this permission notice shall be included in
# all copies or substantial portions of the Software.
#
# THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
# IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
# FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
# X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
# AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNEC-
# TION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
#
# Except as contained in this notice, the name of the X Consortium shall not
# be used in advertising or otherwise to promote the sale, use or other deal-
# ings in this Software without prior written authorization from the X # Consor-
# tium.
```

1.47.3.38 MIT-style

```
* Permission to use, copy, modify, and distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND INTERNET SOFTWARE CONSORTIUM DISCLAIMS
* ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES
```

* OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL INTERNET SOFTWARE
* CONSORTIUM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL
* DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR
* PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS
* ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
* SOFTWARE.

1.47.3.39 MIT-style

* Permission to use, copy, modify and distribute this software and its
* documentation for any purpose and without fee is hereby granted,
* provided that the above copyright notice appear in all copies and that
* both that copyright notice and this permission notice appear in
* supporting documentation.
*
* ALEX ROZIN DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
* ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
* ALEX ROZIN BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
* WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
* ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
* SOFTWARE.

1.47.3.40 MIT-style

* Permission to use, copy, modify and distribute this software and its
* documentation for any purpose and without fee is hereby granted,
* provided that the above copyright notice appear in all copies and that
* both that copyright notice and this permission notice appear in
* supporting documentation.
*
* TALI ROZIN DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING
* ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL
* ALEX ROZIN BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
* WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,
* ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS
* SOFTWARE.

1.47.3.41 MIT-style

This document and translations of it may be copied and furnished to
others, and derivative works that comment on or otherwise explain it
or assist in its implementation may be prepared, copied, published
and distributed, in whole or in part, without restriction of any
kind, provided that the above copyright notice and this paragraph are
included on all such copies and derivative works. However, this
document itself may not be modified in any way, such as by removing
the copyright notice or references to the Internet Society or other
Internet organizations, except as needed for the purpose of
developing Internet standards in which case the procedures for
copyrights defined in the Internet Standards process must be
followed, or as required to translate it into languages other than
English.

The limited permissions granted above are perpetual and will not be
revoked by the Internet Society or its successors or assigns.

This document and the information contained herein is provided on an
"AS IS" basis and THE INTERNET SOCIETY AND THE INTERNET ENGINEERING
TASK FORCE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING
BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION
HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF
MERCHANTABILITY OR FITNESS FOR A PARTICULAR

1.47.3.42 BSD-style

* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that: (1) source code distributions
* retain the above copyright notice and this paragraph in its entirety, (2)
* distributions including binary code include the above copyright notice and
* this paragraph in its entirety in the documentation or other materials
* provided with the distribution, and (3) all advertising materials mentioning
* features or use of this software display the following acknowledgement:
* ``This product includes software developed by the University of California,
* Lawrence Berkeley Laboratory and its contributors.'' Neither the name of
* the University nor the names of its contributors may be used to endorse
* or promote products derived from this software without specific prior
* written permission.
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED
* WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.47.3.43 FSF

This file is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

1.47.3.44 FSF

This configure script is free software; the Free Software Foundation gives unlimited permission to copy, distribute and modify it.

1.47.3.45 FSF

Copyright (C) 2003, 2006-2007 Free Software Foundation, Inc.
This file is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

1.47.3.46 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.47.3.47 OpenSSL

Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the

```
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.OpenSSL.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* licensing@OpenSSL.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
* nor may "OpenSSL" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit (http://www.OpenSSL.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
```

1.47.3.48 **OpenSSL**

LICENSE ISSUES =====

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License -----

```
/* =====
* Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
```

```
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
*     endorse or promote products derived from this software without
*     prior written permission. For written permission, please contact
*     openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
*     nor may "OpenSSL" appear in their names without prior written
*     permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
*     acknowledgment:
*     "This product includes software developed by the OpenSSL Project
*     for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com).  This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/
```

Original SSLeay License

```
/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to.  The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code.  The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
```

```
* 3. All advertising materials mentioning features or use of this software
* must display the following acknowledgement:
* "This product includes cryptographic software written by
* Eric Young (eay@cryptsoft.com)"
* The word 'cryptographic' can be left out if the routines from the library
* being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof) from
* the apps directory (application code) you must include an acknowledgement:
* "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version or
* derivative of this code cannot be changed. i.e. this code cannot simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
```

1.47.3.49 *OpenSSL*

```
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are adhered to. The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code. The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this software
* must display the following acknowledgement:
* "This product includes cryptographic software written by
* Eric Young (eay@cryptsoft.com)"
* The word 'cryptographic' can be left out if the routines from the library
* being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof) from
* the apps directory (application code) you must include an acknowledgement:
* "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
```


* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version or
* derivative of this code cannot be changed. i.e. this code cannot simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]

1.47.3.50 *OpenSSL*

* Rights for redistribution and usage in source and binary
* forms are granted according to the OpenSSL license.

1.47.3.51 *APSL-1.1*

APPLE PUBLIC SOURCE LICENSE
Version 1.1 - April 19, 1999

Please read this License carefully before downloading this software.
By downloading and using this software, you are agreeing to be bound by
the terms of this License. If you do not or cannot agree to the terms
of this License, please do not download or use the software.

1. General; Definitions. This License applies to any program or other
work which Apple Computer, Inc. ("Apple") publicly announces as
subject to this Apple Public Source License and which contains a
notice placed by Apple identifying such program or work as "Original
Code" and stating that it is subject to the terms of this Apple Public
Source License version 1.1 (or subsequent version thereof), as it may
be revised from time to time by Apple ("License"). As used in this
License:

1.1 "Affected Original Code" means only those specific portions of
Original Code that allegedly infringe upon any party's intellectual
property rights or are otherwise the subject of a claim of
infringement.

1.2 "Applicable Patent Rights" mean: (a) in the case where Apple is
the grantor of rights, (i) claims of patents that are now or hereafter
acquired, owned by or assigned to Apple and (ii) that cover subject
matter contained in the Original Code, but only to the extent
necessary to use, reproduce and/or distribute the Original Code
without infringement; and (b) in the case where You are the grantor of
rights, (i) claims of patents that are now or hereafter acquired,
owned by or assigned to You and (ii) that cover subject matter in Your
Modifications, taken alone or in combination with Original Code.

1.3 "Covered Code" means the Original Code, Modifications, the
combination of Original Code and any Modifications, and/or any
respective portions thereof.

1.4 "Deploy" means to use, sublicense or distribute Covered Code other
than for Your internal research and development (R&D), and includes
without limitation, any and all internal use or distribution of
Covered Code within Your business or organization except for R&D use,
as well as direct or indirect sublicensing or distribution of Covered
Code by You to any third party in any form or manner.

1.5 "Larger Work" means a work which combines Covered Code or portions

thereof with code not governed by the terms of this License.

1.6 "Modifications" mean any addition to, deletion from, and/or change to, the substance and/or structure of Covered Code. When code is released as a series of files, a Modification is: (a) any addition to or deletion from the contents of a file containing Covered Code; and/or (b) any new file or other representation of computer program statements that contains any part of Covered Code.

1.7 "Original Code" means (a) the Source Code of a program or other work as originally made available by Apple under this License, including the Source Code of any updates or upgrades to such programs or works made available by Apple under this License, and that has been expressly identified by Apple as such in the header file(s) of such work; and (b) the object code compiled from such Source Code and originally made available by Apple under this License.

1.8 "Source Code" means the human readable form of a program or other work that is suitable for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an executable (object code).

1.9 "You" or "Your" means an individual or a legal entity exercising rights under this License. For legal entities, "You" or "Your" includes any entity which controls, is controlled by, or is under common control with, You, where "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.

2. Permitted Uses; Conditions & Restrictions. Subject to the terms and conditions of this License, Apple hereby grants You, effective on the date You accept this License and download the Original Code, a world-wide, royalty-free, non-exclusive license, to the extent of Apple's Applicable Patent Rights and copyrights covering the Original Code, to do the following:

2.1 You may use, copy, modify and distribute Original Code, with or without Modifications, solely for Your internal research and development, provided that You must in each instance:

(a) retain and reproduce in all copies of Original Code the copyright and other proprietary notices and disclaimers of Apple as they appear in the Original Code, and keep intact all notices in the Original Code that refer to this License;

(b) include a copy of this License with every copy of Source Code of Covered Code and documentation You distribute, and You may not offer or impose any terms on such Source Code that alter or restrict this License or the recipients' rights hereunder, except as permitted under Section 6; and

(c) completely and accurately document all Modifications that you have made and the date of each such Modification, designate the version of the Original Code you used, prominently include a file carrying such information with the Modifications, and duplicate the notice in Exhibit A in each file of the Source Code of all such Modifications.

2.2 You may Deploy Covered Code, provided that You must in each instance:

(a) satisfy all the conditions of Section 2.1 with respect to the Source Code of the Covered Code;

(b) make all Your Deployed Modifications publicly available in Source Code form via electronic distribution (e.g. download from a web site) under the terms of this License and subject to the license grants set forth in Section 3 below, and any additional terms You may choose to offer under Section 6. You must continue to make the Source Code of Your Deployed Modifications available for as long as you Deploy the Covered Code or twelve (12) months from the date of initial Deployment, whichever is longer;

(c) if You Deploy Covered Code containing Modifications made by You, inform others of how to obtain those Modifications by filling out and submitting the information found at <http://www.apple.com/publicsource/modifications.html>, if available; and

(d) if You Deploy Covered Code in object code, executable form only, include a prominent notice, in the code itself as well as in related documentation, stating that Source Code of the Covered Code is available under the terms of this License with information on how and where to obtain such Source Code.

3. Your Grants. In consideration of, and as a condition to, the licenses granted to You under this License:

(a) You hereby grant to Apple and all third parties a non-exclusive, royalty-free license, under Your Applicable Patent Rights and other intellectual property rights owned or controlled by You, to use, reproduce, modify, distribute and Deploy Your Modifications of the same scope and extent as Apple's licenses under Sections 2.1 and 2.2; and

(b) You hereby grant to Apple and its subsidiaries a non-exclusive, worldwide, royalty-free, perpetual and irrevocable license, under Your Applicable Patent Rights and other intellectual property rights owned or controlled by You, to use, reproduce, execute, compile, display, perform, modify or have modified (for Apple and/or its subsidiaries), sublicense and distribute Your Modifications, in any form, through multiple tiers of distribution.

4. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In each such instance, You must make sure the requirements of this License are fulfilled for the Covered Code or any portion thereof.

5. Limitations on Patent License. Except as expressly stated in Section 2, no other patent rights, express or implied, are granted by Apple herein. Modifications and/or Larger Works may require additional patent licenses from Apple which Apple may grant in its sole discretion.

6. Additional Terms. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations and/or other rights consistent with the scope of the license granted herein ("Additional Terms") to one or more recipients of Covered Code. However, You may do so only on Your own behalf and as Your sole responsibility, and not on behalf of Apple. You must obtain the recipient's agreement that any such Additional Terms are offered by You alone, and You hereby agree to indemnify, defend and hold Apple harmless for any liability incurred by or claims asserted against Apple by reason of any such Additional Terms.

7. Versions of the License. Apple may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Once Original Code has been published

under a particular version of this License, You may continue to use it under the terms of that version. You may also choose to use such Original Code under the terms of any subsequent version of this License published by Apple. No one other than Apple has the right to modify the terms applicable to Covered Code created under this License.

8. NO WARRANTY OR SUPPORT. The Original Code may contain in whole or in part pre-release, untested, or not fully tested works. The Original Code may contain errors that could cause failures or loss of data, and may be incomplete or contain inaccuracies. You expressly acknowledge and agree that use of the Original Code, or any portion thereof, is at Your sole and entire risk. THE ORIGINAL CODE IS PROVIDED "AS IS" AND WITHOUT WARRANTY, UPGRADES OR SUPPORT OF ANY KIND AND APPLE AND APPLE'S LICENSOR(S) (FOR THE PURPOSES OF SECTIONS 8 AND 9, APPLE AND APPLE'S LICENSOR(S) ARE COLLECTIVELY REFERRED TO AS "APPLE") EXPRESSLY DISCLAIM ALL WARRANTIES AND/OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY OR SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. APPLE DOES NOT WARRANT THAT THE FUNCTIONS CONTAINED IN THE ORIGINAL CODE WILL MEET YOUR REQUIREMENTS, OR THAT THE OPERATION OF THE ORIGINAL CODE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE ORIGINAL CODE WILL BE CORRECTED. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY APPLE OR AN APPLE AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY. You acknowledge that the Original Code is not intended for use in the operation of nuclear facilities, aircraft navigation, communication systems, or air traffic control machines in which case the failure of the Original Code could lead to death, personal injury, or severe physical or environmental damage.

9. Liability.

9.1 Infringement. If any portion of, or functionality implemented by, the Original Code becomes the subject of a claim of infringement, Apple may, at its option: (a) attempt to procure the rights necessary for Apple and You to continue using the Affected Original Code; (b) modify the Affected Original Code so that it is no longer infringing; or (c) suspend Your rights to use, reproduce, modify, sublicense and distribute the Affected Original Code until a final determination of the claim is made by a court or governmental administrative agency of competent jurisdiction and Apple lifts the suspension as set forth below. Such suspension of rights will be effective immediately upon Apple's posting of a notice to such effect on the Apple web site that is used for implementation of this License. Upon such final determination being made, if Apple is legally able, without the payment of a fee or royalty, to resume use, reproduction, modification, sublicensing and distribution of the Affected Original Code, Apple will lift the suspension of rights to the Affected Original Code by posting a notice to such effect on the Apple web site that is used for implementation of this License. If Apple suspends Your rights to Affected Original Code, nothing in this License shall be construed to restrict You, at Your option and subject to applicable law, from replacing the Affected Original Code with non-infringing code or independently negotiating for necessary rights from such third party.

9.2 LIMITATION OF LIABILITY. UNDER NO CIRCUMSTANCES SHALL APPLE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO THIS LICENSE OR YOUR USE OR INABILITY TO USE THE ORIGINAL CODE, OR ANY PORTION THEREOF, WHETHER UNDER A THEORY OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), PRODUCTS LIABILITY OR OTHERWISE, EVEN IF APPLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY. In no event shall Apple's total liability to You for all damages under this License exceed the amount of fifty dollars

(\$50.00).

10. Trademarks. This License does not grant any rights to use the trademarks or trade names "Apple", "Apple Computer", "Mac OS X", "Mac OS X Server" or any other trademarks or trade names belonging to Apple (collectively "Apple Marks") and no Apple Marks may be used to endorse or promote products derived from the Original Code other than as permitted by and in strict compliance at all times with Apple's third party trademark usage guidelines which are posted at <http://www.apple.com/legal/guidelinesfor3rdparties.html>.

11. Ownership. Apple retains all rights, title and interest in and to the Original Code and any Modifications made by or on behalf of Apple ("Apple Modifications"), and such Apple Modifications will not be automatically subject to this License. Apple may, at its sole discretion, choose to license such Apple Modifications under this License, or on different terms from those contained in this License or may choose not to license them at all. Apple's development, use, reproduction, modification, sublicensing and distribution of Covered Code will not be subject to this License.

12. Termination.

12.1 Termination. This License and the rights granted hereunder will terminate:

(a) automatically without notice from Apple if You fail to comply with any term(s) of this License and fail to cure such breach within 30 days of becoming aware of such breach; (b) immediately in the event of the circumstances described in Section 13.5(b); or (c) automatically without notice from Apple if You, at any time during the term of this License, commence an action for patent infringement against Apple.

12.2 Effect of Termination. Upon termination, You agree to immediately stop any further use, reproduction, modification, sublicensing and distribution of the Covered Code and to destroy all copies of the Covered Code that are in your possession or control. All sublicenses to the Covered Code which have been properly granted prior to termination shall survive any termination of this License. Provisions which, by their nature, should remain in effect beyond the termination of this License shall survive, including but not limited to Sections 3, 5, 8, 9, 10, 11, 12.2 and 13. Neither party will be liable to the other for compensation, indemnity or damages of any sort solely as a result of terminating this License in accordance with its terms, and termination of this License will be without prejudice to any other right or remedy of either party.

13. Miscellaneous.

13.1 Government End Users. The Covered Code is a "commercial item" as defined in FAR 2.101. Government software and technical data rights in the Covered Code include only those rights customarily provided to the public as defined in this License. This customary commercial license in technical data and software is provided in accordance with FAR 12.211 (Technical Data) and 12.212 (Computer Software) and, for Department of Defense purchases, DFAR 252.227-7015 (Technical Data -- Commercial Items) and 227.7202-3 (Rights in Commercial Computer Software or Computer Software Documentation). Accordingly, all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

13.2 Relationship of Parties. This License will not be construed as creating an agency, partnership, joint venture or any other form of legal association between You and Apple, and You will not represent to the contrary, whether expressly, by implication, appearance or otherwise.

13.3 Independent Development. Nothing in this License will impair Apple's right to acquire, license, develop, have others develop for it, market and/or distribute technology or products that perform the same or similar functions as, or otherwise compete with, Modifications, Larger Works, technology or products that You may develop, produce, market or distribute.

13.4 Waiver; Construction. Failure by Apple to enforce any provision of this License will not be deemed a waiver of future enforcement of that or any other provision. Any law or regulation which provides that the language of a contract shall be construed against the drafter will not apply to this License.

13.5 Severability. (a) If for any reason a court of competent jurisdiction finds any provision of this License, or portion thereof, to be unenforceable, that provision of the License will be enforced to the maximum extent permissible so as to effect the economic benefits and intent of the parties, and the remainder of this License will continue in full force and effect. (b) Notwithstanding the foregoing, if applicable law prohibits or restricts You from fully and/or specifically complying with Sections 2 and/or 3 or prevents the enforceability of either of those Sections, this License will immediately terminate and You must immediately discontinue any use of the Covered Code and destroy all copies of it that are in your possession or control.

13.6 Dispute Resolution. Any litigation or other dispute resolution between You and Apple relating to this License shall take place in the Northern District of California, and You and Apple hereby consent to the personal jurisdiction of, and venue in, the state and federal courts within that District with respect to this License. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded.

13.7 Entire Agreement; Governing Law. This License constitutes the entire agreement between the parties with respect to the subject matter hereof. This License shall be governed by the laws of the United States and the State of California, except that body of California law concerning conflicts of law.

Where You are located in the province of Quebec, Canada, the following clause applies: The parties hereby confirm that they have requested that this License and all related documents be drafted in English. Les parties ont exigé que le présent contrat et tous les documents connexes soient rédigés en anglais.

EXHIBIT A.

"Portions Copyright (c) 1999-2000 Apple Computer, Inc. All Rights Reserved. This file contains Original Code and/or Modifications of Original Code as defined in and that are subject to the Apple Public Source License Version 1.1 (the "License"). You may not use this file except in compliance with the License. Please obtain a copy of the License at <http://www.apple.com/publicsource> and read it before using this file.

The Original Code and all software distributed under the License are distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON- INFRINGEMENT. Please see the License for the specific language governing rights and limitations under the License."

1.48 netbase 6.1

1.48.1 Copyrights

Copyright 1994-2010 Peter Tobias, Anthony Towns and Marco d'Itri

1.48.2 Licenses

1.48.2.1 **GPL-2.0**

This package was created by Peter Tobias tobias@et-inf.fho-emden.de on Wed, 24 Aug 1994 21:33:28 +0200 and maintained by Anthony Towns <ajt@debian.org> until 2001.
It is currently maintained by Marco d'Itri <md@linux.it>.

Copyright 1994-2010 Peter Tobias, Anthony Towns and Marco d'Itri

The programs in this package are distributed under the terms of the GNU General Public License, version 2 as distributed by the Free Software Foundation. On Debian systems, a copy of this license may be found in /usr/share/common-licenses/GPL-2.

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide

a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt

otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to

address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.49 nginx 1.16.1

1.49.1 Copyrights

Copyright (C) Valentin V. Bartenev
Copyright (C) Unbit S.a.s. 2009-2010
Copyright (C) Ruslan Ermilov
Copyright (C) Roman Arutyunyan
Copyright (C) Nginx, Inc. All rights reserved.
Copyright (C) Nginx, Inc.
Copyright (C) Maxim Dounin
Copyright (C) Manlio Perillo (manlio.perillo@gmail.com)
Copyright (C) Igor Sysoev
Copyright (C) Austin Appleby
Copyright (C) 2015 Vlad Krasnov
Copyright (C) 2011-2019 Nginx, Inc. All rights reserved.
Copyright (C) 2010 Sergey A. Osokin
Copyright (C) 2008 Manlio Perillo (manlio.perillo@gmail.com)
Copyright (C) 2002-2019 Igor Sysoev
(c) Andrei Nigmatulin, 2005

1.49.2 Licenses

1.49.2.1 *BSD-2-Clause*

Copyright (C) 2002-2019 Igor Sysoev
Copyright (C) 2011-2019 Nginx, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.49.2.2 *Public-domain*

Public domain software is software that is not copyrighted. If the source code is in the public domain, that is a special case of noncopyrighted free software, which means that some copies or modified versions may not be free at all.

In some cases, an executable program can be in the public domain but the source code is not available. This is not free software, because free software requires accessibility of source code. Meanwhile, most free software is not in the public domain; it is copyrighted, and the copyright holders have legally given permission for everyone to use it in freedom, using a free software license.

Sometimes people use the term "public domain" in a loose fashion to mean "free" or "available gratis." However, "public domain" is a legal term and means, precisely, "not copyrighted". For clarity, we recommend using "public domain" for that meaning only, and using other terms to convey the other meanings.

Under the Berne Convention, which most countries have signed, anything written down is automatically copyrighted. This includes programs. Therefore, if you want a program you have written to be in the public domain, you must take some legal steps to disclaim the copyright on it; otherwise, the program is copyrighted.

1.50 NTP 4.2.8p15

1.50.1 Copyrights

Author: Tai Jin (tai@sde.hp.com)
(c) Copyright Tai Jin, 1988. All Rights Reserved. Hewlett-Packard Laboratories.
<TEST> (c) Copyright Tai Jin, 1988. All Rights Reserved. Hewlett-Packard Laboratories.
copyright "1992-2020" "The University of Delaware and Network Time Foundation"
Copyright © 2003 Sun Microsystems, Inc.
Copyright Apple Computer, Inc., 2005
Copyright Apple Computer 1987
Copyright 2015 Harlan Stenn.

Copyright 1992-2015 Free Software Foundation, Inc.
Copyright 2007-2012 Niels Provos and Nick Mathewson
Copyright 2005-2012 Nick Mathewson
Copyright 2008, Red Hat, Inc.
Copyright 2008, Andrew Tridgell.
Copyright 2007-2012 Niels Provos, Nick Mathewson
Copyright 2007-2012 Nick Mathewson and Niels Provos
Copyright 2000-2007 Niels Provos
Copyright 2005, Nick Mathewson.
Copyright 2000-2009 Niels Provos <provos@citi.umich.edu>
Copyright 2003 Michael A. Davis <mike@datanerds.net>
Copyright 2002, 2009, 2010 Harlan Stenn.
Copyright 2002 Niels Provos <provos@citi.umich.edu> All rights reserved.
Copyright 2002 Christopher Clark
Copyright 2001, 2015, Harlan Stenn.
Copyright 2000 Aaron D. Gifford. All rights reserved.
Copyright 1998-2010 The OpenLDAP Foundation.
Copyright 1994-1999 Sun Microsystems, Inc.
Copyright 1992 by Carnegie Mellon University
Copyright (c) by Meinberg Funkhuren (www.meinberg.de)
Copyright (c) University of Delaware 1992-2015
Copyright (c) Network Time Foundation 2011-2020
Copyright (c) Meinberg Funkhuren, Bad Pyrmont, Germany
Copyright (c) David L. Mills 1999-2009
Copyright (c) David L. Mills 1999-2000
Copyright (c) David L. Mills 1993, 1994
Copyright (c) 2014-2016 Network Time Foundation
Copyright (c) 2015 Alexander Mueller / XelaRellum@web.de
Copyright (c) 2005-2013 Niels Provos and Nick Mathewson
Copyright (c) 2012 Ross Lagerwall <rosslagerwall@gmail.com>
Copyright (c) 2010 Serge A. Zaitsev
Copyright (c) 2010 James Grenning and Contributed to Unity Project
Copyright (c) 2010 IETF Trust and the persons identified as authors of the code. All rights reserved.
Copyright (c) 2010 Chris Davis, Niels Provos, and Nick Mathewson
Copyright (c) 2010 BitTorrent, Inc.
Copyright (c) 2007-2012 Niels Provos, Nick Mathewson
Copyright (c) 2009-2012 Nick Mathewson and Niels Provos
Copyright (c) 2009,2012 - Schweitzer Engineering Laboratories, Inc. <opensource@selinc.com>
Copyright (c) 2008, Damien Miller <djm@openbsd.org>
Copyright (c) 2008 Otto Moerbeek <otto@drijf.net>
Copyright (c) 2008 Holger Weiss.
Copyright (c) 2008 Holger Weiss <holger@jhweiss.de>.
Copyright (c) 2007-2012 Niels Provos and Nick Mathewson All rights reserved.
Copyright (c) 2007-14 Mike Karlesky, Mark VanderVoord, Greg Williams
Copyright (c) 2007-2007 Sun Microsystems.
Copyright (c) 2007 Steven G. Johnson <stevenj@alum.mit.edu>
Copyright (c) 2007 Mike Karlesky, Mark VanderVoord, Greg Williams
Copyright (c) 2000-2009 Niels Provos <provos@citi.umich.edu>
Copyright (c) 2006 Some code shamelessly based on the original NTP discrete event simulator)
Copyright (c) 2006 Maxim Yegorushkin <maxim.yegorushkin@gmail.com>
Copyright (c) 2003 Michael A. Davis <mike@datanerds.net>
Copyright (c) 2000-2007 Niels Provos <provos@citi.umich.edu> All rights reserved.
Copyright (c) 2002, Christopher Clark All rights reserved.
Copyright (c) 2002 RIPE NCC

Copyright (c) 2002 Christopher Clark
Copyright (c) 2001 Jake Burkholder. All rights reserved.
Copyright (c) 2000 Dug Song <dugsong@monkey.org>
Copyright (c) 1997-1999 by Ulrich Windl
Copyright (c) 1995-2015 by Frank Kardel <kardel <AT> ntp.org>
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com> All rights reserved.
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 1998 Hewlett-Packard Company
Copyright (c) 1998 Doug Rabson.
Copyright (c) 1998 Doug Rabson All rights reserved.
Copyright (c) 1997-1999 by Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de>
Copyright (c) 1997, 1998, 2003 The Regents of the University of California. All rights reserved.
Copyright (c) 1997, 1998, 1999, 2000 Trimble Navigation Ltd. All rights reserved.
Copyright (c) 1996, David Mazieres <dm@uun.org>
Copyright (c) 1995 Vixie Enterprises
Copyright (c) 1995 Patrick Powell.
Copyright (c) 1989-2015 , Frank Kardel
Copyright (c) 1993 by Digital Equipment Corporation.
Copyright (c) 1983-1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1993 The Regents of the University of California.
Copyright (c) 1992-1998 Rainer Pruy, Friedrich-Alexander Universität Erlangen-Nürnberg
Copyright (c) 1992 Rainer Pruy Friedrich-Alexander Universität Erlangen-Nürnberg
Copyright (c) 1992 Microsoft Corporation
Copyright (c) 1992 Frank Kardel, Rainer Pruy Friedrich-Alexander Universität Erlangen-Nürnberg
Copyright (c) 1989-1994 by Frank Kardel, Friedrich-Alexander Universität Erlangen-Nürnberg, Germany
Copyright (c) 1982-1989 Regents of the University of California. All rights reserved.
Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1983, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1982, 1986, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (C) 2015, 2017 Network Time Foundation Author: Harlan Stenn
Copyright (C) 2014 Timothe Litt litt at acm dot org
Copyright (C) 1994-2017 Free Software Foundation, Inc.
Copyright (C) 1999-2015 Bruce Korb, all rights reserved.
Copyright (C) 2010-2014 Free Software Foundation, Inc. Written by Peter Rosin <peda@lysator.liu.se>.
Copyright (C) 2008-2015 Free Software Foundation, Inc. Written by Bruce Korb <bkorb@gnu.org>, 2008.
Copyright (C) 2008 Internet Systems Consortium, Inc.
Copyright (C) 2004-2009 , 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004- 2007-2010 -2012 Internet Systems Consortium, Inc. ("ISC") , 2005-2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 1992-2015 by Bruce Korb
Copyright (C) 2004-2007 , 2009, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2007 -2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2005 , 2007, 2009, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2007, 2009, 2010 Internet Systems Consortium, Inc. ("ISC")
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004

, 2007-2009 , 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
 Copyright (C) 2004, 2007, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
 Copyright (C) 2004, 2006, 2007, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
 Copyright (C) 2004, 2006, 2007, 2009 Internet Systems Consortium, Inc. ("ISC")
 Copyright (C) 2004, 2005, 2007, 2009, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
 Copyright (C) 2004, 2005, 2007, 2008, 2011, 2012 Internet Systems Consortium, Inc. ("ISC")
 Copyright (C) 1996-2003 Internet Software Consortium.
 Copyright (C) 2001-2020, Takao Abe. All rights reserved.
 Copyright (C) 2001-2005, 2009-2015 Free Software Foundation, Inc.
 Copyright (C) 2000, 2001, 2003 Internet Software Consortium.
 Copyright (C) 1999-2014 Free Software Foundation, Inc. Written by Tom Tromeey
 <tromeey@cygnus.com>.
 Copyright (C) 1999-2014 Bruce Korb
 Copyright (C) 1999-2007, 2009-2016 Free Software Foundation, Inc.
 Copyright (C) 1998-2001 , 2003 Internet Software Consortium.
 Copyright (C) 1999,2000 Hans Lambers and Origin B.V.
 Copyright (C) 1999, 2000 by Philippe De Muyter <phdm@macqel.be>
 Copyright (C) 1999, 2000 by Bernd Altmeier altmeier@ATLSOFT.de
 Copyright (C) 1996-2014 Free Software Foundation, Inc. Francois Pinard
 (pinard@iro.umontreal.ca), 1996.
 Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon
 Matzigkeit, 1996
 Copyright (C) 1995-1998, 2000-2002, 2004-2006, 2009-2015 Free Software Foundation, Inc.
 Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project. All rights reserved.
 Copyright (C) 1994 X Consortium
 Copyright (C) 1991-2005 , Frank Kardel
 Copyright (C) 1993-2005 by Frank Kardel
 Copyright (C) 1992-2020 The University of Delaware and Network Time Foundation all rights
 reserved.
 Copyright (C) 1992-2020 The University of Delaware and Network Time Foundation, all rights
 reserved.
 Copyright (C) 1992-2020 The University of Delaware and Network Time Foundation all rights
 reserved.
 Copyright (C) 1992-2015 by Bruce Korb - all rights reserved
 Copyright (C) 1992-2013 Bruce Korb - all rights reserved
 Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
 Copyright (C) 1992, 1996 by Rainer Pruy Friedrich-Alexander Universitaet Erlangen-Nuernberg,
 Germany
 Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.
 Copyright ((c)) 2002, Rice University All rights reserved.
 COPYRIGHT 1991-2002 MOTOROLA INC. COPYRIGHT 1991-2003 MOTOROLA INC.
 COPYRIGHT 1991-1997 MOTOROLA INC. COPYRIGHT 1991-1996 MOTOROLA INC.
 COPYRIGHT 1991-1994 MOTOROLA INC.
 (c) Copyright Tai Jin, 1988. All Rights Reserved.
 (c) 1999, 2000 Bernd Altmeier <altmeier@ATLSOFT.de> */ Rev. 1.00 Date 25.03.2000 */ History:
 */
 (C) Copyright 2008 Spectracom Corporation

1.50.2 Acknowledgements

To the extent files may be licensed under LGPL-3.0 or later or BSD-3-Clause, in this context
 BSD-3-Clause has been chosen.

This shall not restrict the freedom of future contributors to choose LGPL-3.0 or later.

Some files can be licensed under LGPL-3.0+ or BSD-3-Clause. In this case the BSD-3-Clause
 has been chosen. This shall not restrict the freedom of future users to choose LGPL-3.0+

Some files can be licensed under LGPL-3.0+ or BSD-3-Clause. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose LGPL-3.0+

Some files can be licensed under LGPL-3.0+ or BSD-3-Clause. In this case the BSD-3-Clause has been chosen. This shall not restrict the freedom of future users to choose LGPL-3.0+

Some files can be licensed under LGPL-2.0+ or BSD-2-Clause. In this case the BSD-2-Clause has been chosen. This shall not restrict the freedom of future users to choose LGPL-2.0+

1.50.3 Licenses

1.50.3.1 *MIT-style*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of CMU not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

CMU DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL CMU BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.50.3.2 *MIT-style*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of the author not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS; IN NO EVENT SHALL AUTHOR BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.50.3.3 *MIT-style*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.50.3.4 *MIT-style*

* Permission is hereby granted for unlimited modification, use, and */

```
/* distribution. This software is made available with no warranty of */
/* any kind, express or implied. This copyright notice must remain */
/* intact in all versions of this software. */
/* */
/* The author would appreciate it if any bug fixes and enhancements were */
/* to be sent back to him for incorporation into future versions of this */
/* software. Please send changes to tai@iag.hp.com or ken@sdd.hp.com.
```

1.50.3.5 MIT-style

Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name The University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware and Network Time Foundation makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.50.3.6 MIT-style

Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name The University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware and Network Time Foundation makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.50.3.7 MIT-style

Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name University of Delaware not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. The University of Delaware makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.50.3.8 MIT-style

This version of the code is maintained by Holger Weiss <holger@jhweiss.de>. My changes to the code may freely be used, modified and/or redistributed for any purpose. It would be nice if additions and fixes to this file (including trivial code cleanups) would be sent back in order to let me include them in the version available at <<http://www.jhweiss.de/software/snprintf.html>>. However, this is not a requirement for using or redistributing (possibly modified) versions of this file, nor is leaving this notice intact mandatory.

1.50.3.9 MIT-style

Permission to use, copy, modify, and distribute this software and its documentation for any purpose is hereby granted without fee, provided that the following conditions are met:

One retains the entire copyright notice properly, and both the copyright notice and this license. in the documentation and/or other materials provided with the distribution.

This software and the name of the author must not be used to endorse or promote products derived from this software without prior written permission.

THIS SOFTWARE IS PROVIDED "AS IS" WITHOUT EXPRESSED OR IMPLIED WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
IN NO EVENT SHALL THE AUTHOR TAKAO ABE BE LIABLE FOR ANY DIRECT, INDIRECT, GENERAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.50.3.10 *Public-domain*

* This is a version of the public domain getopt() implementation by
* Henry Spencer, changed for 4.3BSD compatibility (in addition to System V).
* It allows rescanning of an option list by setting optind to 0 before
* calling, which is why we use it even if the system has its own (in fact,
* this one has a unique name so as not to conflict with the system's).
* Thanks to Dennis Ferguson for the appropriate modifications.
*
* This file is in the Public Domain.

1.50.3.11 *NTP*

NTP License (NTP) Copyright (c) (CopyrightHoldersName) (From 4-digit-year)-(To 4-digit-year)

Permission to use, copy, modify, and distribute this software and its documentation for any purpose with or without fee is hereby granted, provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation, and that the name (TrademarkedName) not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. (TrademarkedName) makes no representations about the suitability this software for any purpose. It is provided "as is" without express or implied warranty.

1.50.3.12 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.50.3.13 *LGPL-2.1+*

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source

code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.50.3.14 ISC-style

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies, and that the name of Vixie Enterprises not be used in advertising or publicity pertaining to distribution of the document or software without specific, written prior permission.

THE SOFTWARE IS PROVIDED "AS IS" AND VIXIE ENTERPRISES DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL VIXIE ENTERPRISES BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.50.3.15 ISC

ISC License Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")

Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and /or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT

SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.50.3.16 ISC

* Permission to use, copy, modify, and/or distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH
* REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
* AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT,
* INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM
* LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE
* OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
* PERFORMANCE OF THIS SOFTWARE.

1.50.3.17 GPL-3.0+-with-bison-exception

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires

that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a

product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty,

or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <https://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain
conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <https://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <https://www.gnu.org/licenses/why-not-lgpl.html>.

Bison Exception

As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

1.50.3.18 **Beerware**

"THE BEER-WARE LICENSE" (Revision 42):

<phk@FreeBSD.ORG> wrote this file. As long as you retain this notice you can do whatever you want with this stuff. If we meet some day, and you think this stuff is worth it, you can buy me a beer in return Poul-Henning Kamp

1.50.3.19 BSD-4-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the University of California, Lawrence Berkeley Laboratory.
4. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.50.3.20 BSD-4-Clause

- * Redistribution and use in source and binary forms, with or without
- * modification, are permitted provided that the following conditions
- * are met:
- * 1. Redistributions of source code must retain the above copyright
- * notice, this list of conditions and the following disclaimer.
- * 2. Redistributions in binary form must reproduce the above copyright
- * notice, this list of conditions and the following disclaimer in the
- * documentation and/or other materials provided with the distribution.
- * 3. All advertising materials mentioning features or use of this software
- * must display the following acknowledgement:
- * This product includes software developed by the University of
- * California, Berkeley and its contributors.
- * 4. Neither the name of the University nor the names of its contributors
- * may be used to endorse or promote products derived from this software
- * without specific prior written permission.

1.50.3.21 BSD-4-Clause

- * Redistribution and use in source and binary forms, with or without
- * modification, are permitted provided that the following conditions
- * are met:
- * 1. Redistributions of source code must retain the above copyright
- * notice, this list of conditions and the following disclaimer.
- * 2. Redistributions in binary form must reproduce the above copyright
- * notice, this list of conditions and the following disclaimer in the
- * documentation and/or other materials provided with the distribution.
- * 3. All advertising materials mentioning features or use of this software
- * must display the following acknowledgement:
- * This product includes software developed by the University of
- * California, Berkeley and its contributors.
- * 4. Neither the name of the University nor the names of its contributors
- * may be used to endorse or promote products derived from this software
- * without specific prior written permission.

1.50.3.22 BSD-4-Clause

* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this software
* must display the following acknowledgement:
* This product includes software developed by the University of
* California, Berkeley and its contributors.
* 4. Neither the name of the University nor the names of its contributors
* may be used to endorse or promote products derived from this software
* without specific prior written permission.

1.50.3.23 BSD-4-Clause

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
This product includes software developed by Trimble Navigation, Ltd.
4. The name of Trimble Navigation Ltd. may not be used to endorse or
promote products derived from this software without specific prior
written permission.

THIS SOFTWARE IS PROVIDED BY TRIMBLE NAVIGATION LTD. ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL TRIMBLE NAVIGATION LTD. BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.50.3.24 BSD-3-Clause University

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors
may be used to endorse or promote products derived from this software
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.50.3.25 *BSD-3-Clause*

```
The GNU Lesser General Public License, version 3 or later
##      See the files "COPYING.lgplv3" and "COPYING.gplv3"
##
##      The Modified Berkeley Software Distribution License
```

1.50.3.26 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.50.3.27 *BSD-3-Clause*

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. Neither the name of the project nor the names of its contributors
*   may be used to endorse or promote products derived from this software
*   without specific prior written permission.
```

1.50.3.28 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software

without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.50.3.29 *BSD-3-Clause*

AutoOpts is available under any one of two licenses. The license # in use must be one of these two and the choice is under the control # of the user of the license.

The GNU Lesser General Public License, version 3 or later
See the files "COPYING.lgplv3" and "COPYING.gplv3"

The Modified Berkeley Software Distribution License
See the file "COPYING.mbsd"

1.50.3.30 *BSD-3-Clause*

AutoOpts is a copyrighted work. This source file is not encumbered by AutoOpts licensing, but is provided under the licensing terms chosen by the ntpdc author or copyright holder. AutoOpts is licensed under the terms of the LGPL. The redistributable library ('`libopts'') is licensed under the terms of either the LGPL or, at the users discretion, the BSD license. See the AutoOpts and/or libopts sources for details.

1.50.3.31 *BSD-3-Clause*

AutoOpts is a copyrighted work. This header file is not encumbered by AutoOpts licensing, but is provided under the licensing terms chosen by the ntpd author or copyright holder. AutoOpts is licensed under the terms of the LGPL. The redistributable library ('`libopts'') is licensed under the terms of either the LGPL or, at the users discretion, the BSD license. See the AutoOpts and/or libopts sources for details.

1.50.3.32 *BSD-3-Clause*

* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 4. The name of the author may not be used to endorse or promote products
* derived from this software without specific prior written permission.

1.50.3.33 *BSD-3-Clause*

* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the

* documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
* derived from this software without specific prior written permission.

1.50.3.34 *BSD-3-Clause*

* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. Neither the name ``Bruce Korb'' nor the name of any other
* contributor may be used to endorse or promote products derived
* from this software without specific prior written permission.

1.50.3.35 *BSD-3-Clause*

* AutoOpts is available under any one of two licenses. The license
* in use must be one of these two and the choice is under the control
* of the user of the license.
*
* The GNU Lesser General Public License, version 3 or later
* See the files "COPYING.lgplv3" and "COPYING.gplv3"
*

1.50.3.36 *BSD-3-Clause*

AutoOpts is available under any one of two licenses. The license
in use must be one of these two and the choice is under the control
of the user of the license.

The GNU Lesser General Public License, version 3 or later
See the files "COPYING.lgplv3" and "COPYING.gplv3"

The Modified Berkeley Software Distribution License
See the file "COPYING.mbsd"

1.50.3.37 *BSD-3-Clause*

AutoOpts is a copyrighted work. This header file is not encumbered
by AutoOpts licensing, but is provided under the licensing terms chosen
by the ntpd author or copyright holder. AutoOpts is
licensed under the terms of the LGPL. The redistributable library
(`libopts') is licensed under the terms of either the LGPL or, at the
users discretion, the BSD license. See the AutoOpts and/or libopts sources
for details.

1.50.3.38 *BSD-3-Clause*

AutoOpts is a copyrighted work. This header file is not encumbered
by AutoOpts licensing, but is provided under the licensing terms chosen
by the ntpd author or copyright holder. AutoOpts is
licensed under the terms of the LGPL. The redistributable library
(`libopts') is licensed under the terms of either the LGPL or, at the
users discretion, the BSD license. See the AutoOpts and/or libopts sources
for details.

1.50.3.39 *BSD-3-Clause*

AutoOpts is a copyrighted work. This header file is not encumbered
by AutoOpts licensing, but is provided under the licensing terms chosen
by the ntp-keygen author or copyright holder. AutoOpts is
licensed under the terms of the LGPL. The redistributable library
(`libopts') is licensed under the terms of either the LGPL or, at the
users discretion, the BSD license. See the AutoOpts and/or libopts sources

for details.

1.50.3.40 *BSD-2-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.50.3.41 *BSD-2-Clause*

* All rights reserved. The Berkeley software License Agreement
* specifies the terms and conditions for redistribution.
*/

1.50.3.42 *BSD*

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.51 Objective Systems XBinder 2.2-2.2

1.51.1 Copyrights

copyright on this source code product does not indicate any actual or intended publication of such source code.

Copyright (c) 1997-2010 Objective Systems, Inc.

Copyright (C) 2003-2009 by Objective Systems, Inc.

Copyright (C) 1998-2003 Daniel Veillard. All Rights Reserved.

1.51.2 Licenses

1.51.2.1 *X11*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE DANIEL VEILLARD BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of Daniel Veillard shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

1.51.2.2 *Permission Notice:*

This software is furnished under a license and may be used and copied only in accordance with the terms of such license and with the inclusion of the above copyright notice. This software or any other copies thereof may not be provided or otherwise made available to any other person. No title to and ownership of the software is hereby transferred.

The information in this software is subject to change without notice and should not be construed as a commitment by Objective Systems, Inc.

PROPRIETARY NOTICE

This software is an unpublished work subject to a confidentiality agreement and is protected by copyright and trade secret law. Unauthorized copying, redistribution or other use of this work is prohibited.

The above notice of copyright on this source code product does not indicate any actual or intended publication of such source code.

1.52 oopslog 1.1.3

1.52.1 Copyrights

Copyright (C) 2007 Nokia Corporation. All rights reserved.

1.52.2 Licenses

1.52.2.1 *GPL v2.0*

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

1.53 openjdk8-jre-base 8.272.10-r4

1.53.1 Copyrights

copyright Sun Microsystems, Inc, 2003
copyright (c) 2005, 2018, Oracle and/or its affiliates. All rights reserved.
copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved
Copyright © 2003-2012 Unicode, Inc. and others. All rights reserved.
Copyright © 2002, Hewlett Packard, Inc.
Copyright © 2002 Hewlett-Packard Company, Inc.
Copyright © 2000, Compaq Computer Corporation,
Copyright © 2000 Compaq Computer Corporation, Inc.
Copyright © 1991-2012 Unicode, Inc. All rights reserved.
Copyright IBM Corporation, 1997-2001 . All Rights Reserved.
Copyright IBM Corporation 1999. All rights reserved.
Copyright IBM Corp. 1999-2000. All rights reserved.
Copyright IBM Corp. 1998 1999 All Rights Reserved
Copyright Eastman Kodak Company 1991-2003
Copyright 2017 SAP SE. All rights reserved.
Copyright 2012-2015 SAP AG. All rights reserved.
Copyright 2011 Ecma International Ecma International
Copyright 2009 Google Inc. All Rights Reserved.
Copyright 2007 Apple Inc. All rights reserved.
Copyright 2005 Sun Microsystems, Inc. All rights reserved.
Copyright 2003-2005 Colin Percival All rights reserved
Copyright 2003 Wily Technology, Inc.
Copyright 2003 Apple Computer Inc. all rights reserved.
Copyright 2001, softSurfer (www.softsurfer.com)
Copyright 2001 The Internet Society and W3C (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
Copyright 2000-2003 Sun Microsystems, Inc. All Rights Reserved.
Copyright 2000 by Sun Microsystems, Inc. All Rights Reserved.
Copyright 1999 by CoolServlets.com.
Copyright 1997 by Sun Microsystems, Inc.
Copyright 1997 The Open Group Research Institute. All rights reserved.
Copyright 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian
Copyright 1987-1998 The Open Group
Copyright 1995-2017 Mark Adler
Copyright 1995-2017 Jean-loup Gailly and Mark Adler
Copyright 1994 Hewlett-Packard Co.
Copyright 1991-2013 Unicode, Inc. All rights reserved.
Copyright 1987 by Digital Equipment Corporation, Maynard, Massachusetts
Copyright (c) OASIS Open 2016. All Rights Reserved.
Copyright (c) IBM Corporation 1998
Copyright (c) 2019-2020 , Red Hat, Inc.
Copyright (c) 2019-2020 , Azul Systems, Inc. All rights reserved.
Copyright (c) 1994-2020 , Oracle and/or its affiliates. All rights reserved.
Copyright (c) 2018-2019 Cosmin Truta.
Copyright (c) 2018, Red Hat, Inc. and/or its affiliates. All rights reserved.
Copyright (c) 2004-2020 Oracle and/or its affiliates. All rights reserved.
Copyright (c) 2017, Red Hat, Inc. and/or its affiliates.
Copyright (c) 2017 JRuby Team
Copyright (c) 2016, SAP SE and/or its affiliates. All rights reserved.
Copyright (c) 2015 Red Hat, Inc.

Copyright (c) 2014 Red Hat Inc.
Copyright (c) 2014 IBM Corporation
Copyright (c) 2007-2018 The Khronos Group Inc.
Copyright (c) 2007-2013 , Stephen Colebourne & Michael Nascimento Santos
Copyright (c) 2013 Red Hat, Inc. and/or its affiliates.
Copyright (c) 2013 Red Hat Inc. and/or its affiliates.
Copyright (c) 2012-2018 SAP SE. All rights reserved.
Copyright (c) 2012, 2013 Stephen Colebourne & Michael Nascimento Santos
Copyright (c) 2012 Sparkle.org and Andy Matuschak
Copyright (c) 2009-2013, Attila Szegedi
Copyright (c) 2009 by Oracle Corporation. All Rights Reserved. since 1.6
Copyright (c) 2009 Apple Inc. All rights reserved.
Copyright (c) 2008 Otto Moerbeek <otto@drijf.net>
Copyright (c) 2007,2008,2009,2010,2011 Mij <mij@bitchx.it>
Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.
Copyright (c) 2005, 2010 Thai Open Source Software Center Ltd All rights reserved.
Copyright (c) 2004-2009 Paul R. Holser, Jr.
Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved.
Copyright (c) 2002 Graz University of Technology. All rights reserved.
Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr> All rights reserved.
Copyright (c) 2001-2003 Thai Open Source Software Center Ltd All rights reserved.
Copyright (c) 2001 freebxml.org. All rights reserved.
Copyright (c) 2000-2013 INRIA, France Telecom All rights reserved.
Copyright (c) 2000-2011 France T All rights reserved.
Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi. All rights reserved.
Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson
Copyright (c) 1999-2003 David Corcoran <corcoran@muscard.com>
Copyright (c) 1999-2003 David Corcoran <corcoran@linuxnet.com>
Copyright (c) 1998-1999 International Business Machines. All Rights Reserved.
Copyright (c) 1998-2018 Marti Maria Saguer
Copyright (c) 1998-2018 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006-2018 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006-2017 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006- 2013-2018 Glenn Randers-Pehrson
Copyright (c) 1998-2002,2004,2006-2013 Glenn Randers-Pehrson
Copyright (c) 1997 Eric S. Raymond
Copyright (c) 1996-2000 Markus Oberhumer & Laszlo Molnar
Copyright (c) 1996-1997 Andreas Dilger.
Copyright (c) 1996 Netscape Communications Corporation. All rights reserved.
Copyright (c) 1995-2019 The PNG Reference Library Authors.
Copyright (c) 1995-2010 International Business Machines Corporation and others
Copyright (c) 1995-2005 The Cryptix Foundation Limited. All rights reserved.
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.
Copyright (c) 1995-1996 Guy Eric Schalnat
Copyright (c) 1995 Colin Plumb. All rights reserved.
Copyright (c) 1988 AT&T All Rights Reserved
Copyright (C) 2013 Red Hat
Copyright (C) 1996-2013 , International Business Machines Corporation and others. All Rights Reserved.
Copyright (C) 2009 VMware, Inc. All Rights Reserved.
Copyright (C) 2005 Martin Paljak <martin@paljak.pri.ee>
Copyright (C) 1995-2017 Mark Adler
Copyright (C) 2004, 2010 Mark Adler
Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
Copyright (C) 2003-2014 Ludovic Rousseau

Copyright (C) 2002-2011 Ludovic Rousseau <ludovic.rousseau@free.fr>
Copyright (C) 1999-2007 Brian Paul All Rights Reserved.
Copyright (C) 1999-2004 David Corcoran <corcoran@musclecard.com>
Copyright (C) 1998 by the FundsXpress, INC.
Copyright (C) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency, Ministry of Science Technology and Environment, Thai Royal Government.
Copyright (C) 1996-2000 Markus Franz Xaver Johannes Oberhumer
Copyright (C) 1996-2000 Laszlo Molnar
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly
Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995- 2005-2016 Mark Adler
Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler
Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2000 The Cryptix Foundation Limited. All rights reserved.
Copyright (C) 1991-1998 , Thomas G. Lane.
Copyright (C) 1994-2004 The XFree86 Project, Inc. All rights reserved.
Copyright (C) 1994-2003 the Initial Developer. All Rights Reserved.
Copyright (C) 1991-2016 Unicode, Inc. All rights reserved.
Copyright (C) 1991, 1999 Free Software Foundation
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Copyright (C) 1982 The Royal Institute, Thai Royal Government.
COPYRIGHT (c) Eastman Kodak Company, 1997 All rights reserved.
COPYRIGHT (C) Copyright IBM Corp and Others. 1998-2010 - All Rights Reserved
(c) 2006-2008 thawte, Inc.
(c) 1998-2008 VeriSign, Inc.
(c) 2007-2008 GeoTrust Inc.
(c) 1999 Entrust.net Limited
(C) IBM Corp. 1997-1998. All Rights Reserved.
(C) Copyright Taligent, Inc. 1996-1998 - All Rights Reserved
(C) Copyright Taligent, Inc. 1996 - 1997, All Rights Reserved
(C) Copyright IBM Corp. and others, 1996-2009 - All Rights Reserved
(C) Copyright IBM Corp. and others 1998-2013 - All Rights Reserved
(C) Copyright IBM Corp. 2013
(C) Copyright IBM Corp. 1996-2005 , All Rights Reserved.
(C) Copyright IBM Corp. 1996-2013 - All Rights Reserved
(C) Copyright IBM Corp. 1999, All rights reserved.
(C) Copyright IBM Corp. 1998-2013 . All Rights Reserved.
(C) Copyright IBM Corp. 1998-2003 All Rights Reserved
(C) Copyright IBM Corp. 1998
(C) Copyright IBM Corp and Others. 1998-2013 - All Rights Reserved
(C) 1995-2017 Jean-loup Gailly and Mark Adler

1.53.2 Acknowledgements

This product includes software developed by Jean-loup Gailley and Mark Adler.

This software is based in part on the work of the Independent JPEG Group

this software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

This product includes software developed by IAIK of Graz University of Technology.

1.53.3 Licenses

1.53.3.1 **GPL-2.0-with-Classpath-Exception(Oracle)**

The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice

placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution

of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A

FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public

License instead of this License.

"CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

1.53.3.2 *libpng-2.0*

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE
=====

PNG Reference Library License version 2

- * Copyright (c) 1995-2019 The PNG Reference Library Authors.
- * Copyright (c) 2018-2019 Cosmin Truta.
- * Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- * Copyright (c) 1996-1997 Andreas Dilger.
- * Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu
Mandar Sahastrabuddhe
Google Inc.
Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

1.53.3.3 *Zlib*

zlib License Copyright (c) <year> <copyright holders>

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.53.3.4 *X11 like Open group*

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The Open Group.

X Window System is a trademark of The Open Group.

1.53.3.5 W3C

This W3C work (including software, documents, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to use, copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications, that you make:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, a short notice of the following form (hypertext is preferred, text is permitted) should be used within the body of any redistributed or derivative code:

"Copyright © [\$date-of-software] World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved. <http://www.w3.org/Consortium/Legal/>"

Notice of any changes or modifications to the W3C files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

1.53.3.6 Unicode-Terms-of-Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy. For trademark usage, see the Unicode® Consortium Name and Trademark Usage Policy.

Unicode Copyright.

Copyright © 1991-2018 Unicode, Inc. All rights reserved.

Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode® Standard, subject to Terms and Conditions herein.

Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files, subject to the Terms and Conditions herein.

Further specifications of rights and restrictions pertaining to the use of the particular set of data files known as the "Unicode Character Database" can be found in the License.

Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page. The online code charts carry specific restrictions. All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

Modification is not permitted with respect to this document. All copies of this document must be verbatim.

Restricted Rights Legend. Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

Warranties and Disclaimers.

This publication and/or website may include technical or typographical errors or other inaccuracies. Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

EXCEPT AS PROVIDED IN SECTION C.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

Waiver of Damages. In no event shall Unicode or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

Trademarks & Logos.

The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. "The Unicode Consortium" and "Unicode, Inc." are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.'s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names.

The Unicode Consortium Name and Trademark Usage Policy ("Trademark Policy") are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

All third party trademarks referenced herein are the property of their respective owners.

Miscellaneous.

Jurisdiction and Venue. This server is operated from a location in the State of California, United States of America. Unicode makes no representation that the materials are appropriate for use in other locations. If you access this server from other locations, you are responsible for compliance with local laws. This Agreement, all use of this site and any claims and damages resulting from use of this site are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this site shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum. Modification by Unicode Unicode shall have the right to modify this Agreement at any time by posting it to this site. The user may not assign any part of this Agreement without Unicode's prior written consent.

Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode's net income.
Severability. If any provision of this Agreement is declared invalid or unenforceable, the remaining provisions of this Agreement shall remain in effect.
Entire Agreement. This Agreement constitutes the entire agreement between the parties.

EXHIBIT 1

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories
<http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>,
<http://www.unicode.org/cldr/data/>, <http://source.icu-project.org/repos/icu/>, and
<http://www.unicode.org/utility/trac/browser/>.

Unicode Data Files do not include PDF online code charts under the directory <http://www.unicode.org/Public/>.

Software includes any source code published in the Unicode Standard or under the directories
<http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>,
<http://www.unicode.org/cldr/data/>, <http://source.icu-project.org/repos/icu/>, and
<http://www.unicode.org/utility/trac/browser/>.

NOTICE TO USER: Carefully read the following legal agreement.
BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),
YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT.
IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2018 Unicode, Inc. All rights reserved.
Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either
(a) this copyright and permission notice appear with all copies of the Data Files or Software, or
(b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

1.53.3.7 *THIRD_PARTY_LICENSE_README*

DO NOT TRANSLATE OR LOCALIZE.

%% This notice is provided with respect to ASM Bytecode Manipulation Framework v5.0.3, which may be included with JRE 8, and JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2000-2011 France T??l??com
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to BSDiff v4.3, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright 2003-2005 Colin Percival
All rights reserved

Redistribution and use in source and binary forms, with or without modification, are permitted providing that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to CodeViewer 1.0, which may be included with JDK 8.

--- begin of LICENSE ---

Copyright 1999 by CoolServlets.com.

Any errors or suggested improvements to this class can be reported as instructed on CoolServlets.com. We hope you enjoy this program... your comments will encourage further development! This software is distributed under the terms of the BSD License. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither name of CoolServlets.com nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY COOLSERVLETS.COM AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH # DAMAGE."

--- end of LICENSE ---

%% This notice is provided with respect to Cryptix AES 3.2.0, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Cryptix General License

Copyright (c) 1995-2005 The Cryptix Foundation Limited.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are

met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE CRYPTIX FOUNDATION LIMITED AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CRYPTIX FOUNDATION LIMITED OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to CUP Parser Generator for Java 0.10k, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the names of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.

--- end of LICENSE ---

%% This notice is provided with respect to DejaVu fonts v2.34, which may be included with JRE 8, and JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Fonts are (c) Bitstream (see below). DejaVu changes are in public domain. Glyphs imported from Arev fonts are (c) Tavmjong Bah (see below)

Bitstream Vera Fonts Copyright

Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the names of Gnome, the Gnome Foundation, and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from the Gnome Foundation or Bitstream Inc., respectively. For further information, contact: fonts at gnome dot org.

Arev Fonts Copyright

Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the modifications to the Bitstream Vera Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in

particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Tavmjong Bah" or the word "Arev".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Tavmjong Bah Arev" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL TAVMJONG BAH BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the name of Tavmjong Bah shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from Tavmjong Bah. For further information, contact: tavmjong @ free . fr.

TeX Gyre DJV Math

Fonts are (c) Bitstream (see below). DejaVu changes are in public domain.

Math extensions done by B. Jackowski, P. Strzelczyk and P. Pianowski (on behalf of TeX users groups) are in public domain.

Letters imported from Euler Fraktur from AMSfonts are (c) American Mathematical Society (see below).
Bitstream Vera Fonts Copyright
Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the names of GNOME, the GNOME Foundation, and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from the GNOME Foundation or Bitstream Inc., respectively.

For further information, contact: fonts at gnome dot org.

AMSFonTS (v. 2.2) copyright

The PostScript Type 1 implementation of the AMSFonTS produced by and previously distributed by Blue Sky Research and Y&Y, Inc. are now freely available for general use. This has been accomplished through the cooperation of a consortium of scientific publishers with Blue Sky Research and Y&Y. Members of this consortium include:

Elsevier Science IBM Corporation Society for Industrial and Applied Mathematics (SIAM) Springer-Verlag American Mathematical Society (AMS)

In order to assure the authenticity of these fonts, copyright will be held by the American Mathematical Society. This is not meant to restrict in any way the legitimate use of the fonts, such as (but not limited to) electronic distribution of documents containing these fonts, inclusion of these fonts into other public domain or commercial font collections or computer applications, use of the outline data to create derivative fonts and/or faces, etc. However, the AMS does require that the AMS copyright notice be removed from any derivative versions of the fonts which have been altered in any way. In addition, to ensure the fidelity of TeX documents using Computer Modern fonts, Professor Donald Knuth, creator of the Computer Modern faces, has requested that any alterations which yield different font metrics be given a different name.

--- end of LICENSE ---

%% This notice is provided with respect to Document Object Model (DOM) Level 2 & 3, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

W3C SOFTWARE NOTICE AND LICENSE

<http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231>

This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including

modifications:

1.The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

2.Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.

3.Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS,COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION. The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

--- end of LICENSE ---

%% This notice is provided with respect to Dynalink v0.5, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2009-2013, Attila Szegedi

All rights reserved.Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. * Neither the name of Attila Szegedi nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to Elliptic Curve Cryptography, which may be included with JRE 8, JDK 8, and OpenJDK 8.

You are receiving a copy of the Elliptic Curve Cryptography library in source form with the JDK 8 and OpenJDK 8 source distributions, and as object code in the JRE 8 & JDK 8 runtimes.

In the case of the JRE & JDK runtimes, the terms of the Oracle license do NOT apply to the Elliptic Curve Cryptography library; it is licensed under the following license, separately from Oracle's JDK & JRE. If you do not wish to install the Elliptic Curve Cryptography library, you may delete the Elliptic Curve Cryptography library:

- On Solaris and Linux systems: delete \$(JAVA_HOME)/lib/libsunec.so
- On Windows systems: delete \$(JAVA_HOME)\bin\sunec.dll
- On Mac systems, delete:
for JRE: /Library/Internet\ Plug-
Ins/JavaAppletPlugin.plugin/Contents/Home/lib/libsunec.dylib
for JDK: \$(JAVA_HOME)/jre/lib/libsunec.dylib

Written Offer for ECC Source Code

For third party technology that you receive from Oracle in binary form which is licensed under an open source license that gives you the right to receive the source code for that binary, you can obtain a copy of the applicable source code from this page:
<http://hg.openjdk.java.net/jdk8u/jdk8u/jdk/file/tip/src/share/native/sun/security/ec/impl>

If the source code for the technology was not provided to you with the binary, you can also receive a copy of the source code on physical media by submitting a written request to:

Oracle America, Inc.
Attn: Associate General Counsel,
Development and Engineering Legal
500 Oracle Parkway, 10th Floor
Redwood Shores, CA 94065

Or, you may send an email to Oracle using the form at:
<http://www.oracle.com/goto/opensourcecode/request>

Your request should include:

- The name of the component or binary file(s) for which you are requesting the source code
- The name and version number of the Oracle product containing the binary
- The date you received the Oracle product
- Your name
- Your company name (if applicable)
- Your return mailing address and email and
- A telephone number in the event we need to reach you.

We may charge you a fee to cover the cost of physical media and processing. Your request must be sent (i) within three (3) years of the date you

received the Oracle product that included the component or binary file(s) that are the subject of your request, or (ii) in the case of code licensed under the GPL v3, for as long as Oracle offers spare parts or customer support for that product model.

--- begin of LICENSE ---

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data

prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be

linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is

normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any

particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A

FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

--- end of LICENSE ---

%% This notice is provided with respect to ECMAScript Language Specification ECMA-262 Edition 5.1 which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright notice
Copyright ?? 2011 Ecma International
Ecma International
Rue du Rhone 114

CH-1204 Geneva
Tel: +41 22 849 6000
Fax: +41 22 849 6001
Web: <http://www.ecma-international.org>

This document and possible translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published, and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this section are included on all such copies and derivative works. However, this document itself may not be modified in any way, including by removing the copyright notice or references to Ecma International, except as needed for the purpose of developing any document or deliverable produced by Ecma International (in which case the rules applied to copyrights must be followed) or as required to translate it into languages other than English. The limited permissions granted above are perpetual and will not be revoked by Ecma International or its successors or assigns. This document and the information contained herein is provided on an "AS IS" basis and ECMA INTERNATIONAL DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR # PURPOSE." Software License

All Software contained in this document ("Software") is protected by copyright and is being made available under the "BSD License", included below. This Software may be subject to third party rights (rights from parties other than Ecma International), including patent rights, and no licenses under such third party rights are granted under this license even if the third party concerned is a member of Ecma International. SEE THE ECMA CODE OF CONDUCT IN PATENT MATTERS AVAILABLE AT <http://www.ecma-international.org/memento/codeofconduct.htm> FOR INFORMATION REGARDING THE LICENSING OF PATENT CLAIMS THAT ARE REQUIRED TO IMPLEMENT ECMA INTERNATIONAL STANDARDS*. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the authors nor Ecma International may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE ECMA INTERNATIONAL "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ECMA INTERNATIONAL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

% This notice is provided with respect to freebXML Registry 3.0 & 3.1,
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

freebxml: Copyright (c) 2001 freebxml.org. All rights reserved.

The names "The freebXML Registry Project" and "freebxml Software Foundation" must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact ebxmlrr-team@lists.sourceforge.net.

This software consists of voluntary contributions made by many individuals on behalf of the the freebxml Software Foundation. For more information on the freebxml Software Foundation, please see <http://www.freebxml.org/>.

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

The freebxml License, Version 1.1 5
Copyright (c) 2001 freebxml.org. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgement:
"This product includes software developed by
freebxml.org (<http://www.freebxml.org/>)."
Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.
4. The names "The freebXML Registry Project", "freebxml Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact ebxmlrr-team@lists.sourceforge.net.
5. Products derived from this software may not be called "freebxml", "freebXML Registry" nor may freebxml" appear in their names without prior written permission of the freebxml Group.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE freebxml SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to IAIK PKCS#11 Wrapper,
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

IAIK PKCS#11 Wrapper License

Copyright (c) 2002 Graz University of Technology. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by IAIK of Graz University of Technology."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "Graz University of Technology" and "IAIK of Graz University of Technology" must not be used to endorse or promote products derived from this software without prior written permission.

5. Products derived from this software may not be called "IAIK PKCS Wrapper", nor may "IAIK" appear in their name, without prior written permission of Graz University of Technology.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE LICENSOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to ICU4C 4.0.1 and ICU4J 4.4, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 1995-2010 International Business Machines Corporation and others

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so,

provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder. All trademarks and registered trademarks mentioned herein are the property of their respective owners.

--- end of LICENSE ---

%% This notice is provided with respect to IJG JPEG 6b, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

This software is copyright (C) 1991-1998, Thomas G. Lane.
All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

--- end of LICENSE ---

%% This notice is provided with respect to Jing 20030619, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2001-2003 Thai Open Source Software Center Ltd All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Thai Open Source Software Center Ltd nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to Joni v2.1.16, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2017 JRuby Team

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to JOpt-Simple v3.0, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2004-2009 Paul R. Holser, Jr.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to Kerberos functionality, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

(C) Copyright IBM Corp. 1999 All Rights Reserved.
Copyright 1997 The Open Group Research Institute. All rights reserved.

--- end of LICENSE ---

%% This notice is provided with respect to Kerberos functionality from FundsXpress, INC., which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (C) 1998 by the FundsXpress, INC.

All rights reserved.

Export of this software from the United States of America may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright

notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of FundsXpress. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. FundsXpress makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of LICENSE ---

%% This notice is provided with respect to Kronos OpenGL headers, which may be included with JDK 8 and OpenJDK 8 source distributions.

--- begin of LICENSE ---

Copyright (c) 2007 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

--- end of LICENSE ---

%% Portions Copyright Eastman Kodak Company 1991-2003

%% This notice is provided with respect to libpng 1.6.37, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE
=====

PNG Reference Library License version 2

* Copyright (c) 1995-2019 The PNG Reference Library Authors.
* Copyright (c) 2018-2019 Cosmin Truta.

* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
* Copyright (c) 1996-1997 Andreas Dilger.
* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu
Mandar Sahastrabuddhe
Google Inc.
Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and

license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

TRADEMARK:

The name "libpng" has not been registered by the Copyright owner as a trademark in any jurisdiction. However, because libpng has been distributed and maintained world-wide, continually since 1995, the Copyright owner claims "common-law trademark protection" in any jurisdiction where common-law trademark is recognized.

OSI CERTIFICATION:

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is a certification mark of the Open Source Initiative. OSI has not addressed the additional disclaimers inserted at version 1.0.7.

EXPORT CONTROL:

The Copyright owner believes that the Export Control Classification Number (ECCN) for libpng is EAR99, which means not subject to export controls or International Traffic in Arms Regulations (ITAR) because it is open source, publicly available software, that does not contain any encryption software. See the EAR, paragraphs 734.3(b)(3) and 734.7(b).

Glenn Randers-Pehrson
glennrp at users.sourceforge.net
July 15, 2018

--- end of LICENSE ---

%% This notice is provided with respect to GIFLIB 5.2.1 & libungif 4.1.3,
which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to Little CMS 2.9, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Little CMS

Copyright (c) 1998-2011 Marti Maria Saguer

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% Lucida is a registered trademark or trademark of Bigelow & Holmes in the U.S. and other countries.

%% This notice is provided with respect to Mesa 3D Graphics Library v4.1, which may be included with JRE 8, JDK 8, and OpenJDK 8 source distributions.

--- begin of LICENSE ---

Mesa 3-D Graphics Library v19.2.1

Copyright (C) 1999-2007 Brian Paul All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Attention, Contributors

When contributing to the Mesa project you must agree to the licensing terms of the component to which you're contributing.

The following section lists the primary components of the Mesa distribution and their respective licenses.

Mesa Component Licenses

Component	Location	License

Main Mesa code	src/mesa/	MIT
Device drivers	src/mesa/drivers/*	MIT, generally
Gallium code	src/gallium/	MIT
Ext headers	GL/glexth.h	Khronos
GL/glxext.h	Khronos	
GL/wglxext.h	Khronos	
KHR/khrplatform.h	Khronos	

include/GL/gl.h :

Mesa 3-D graphics library

Copyright (C) 1999-2006 Brian Paul All Rights Reserved.
 Copyright (C) 2009 VMware, Inc. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

include/GL/glexth.h
 include/GL/glxext.h
 include/GL/wglxext.h :

Copyright (c) 2013 - 2018 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE # MATERIALS.

include/KHR/khrplatform.h :

Copyright (c) 2008 - 2018 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

--- end of LICENSE ---

%% This notice is provided with respect to Mozilla Network Security Services (NSS), which is supplied with the JDK test suite in the OpenJDK source code repository. It is licensed under Mozilla Public License (MPL), version 2.0.

The NSS libraries are supplied in executable form, built from unmodified NSS source code labeled with the "NSS_3_16_RTM" HG tag.

The NSS source code is available in the OpenJDK source code repository at: `jdk/test/sun/security/pkcs11/nss/src`

The NSS libraries are available in the OpenJDK source code repository at: `jdk/test/sun/security/pkcs11/nss/lib`

--- begin of LICENSE ---

Mozilla Public License Version 2.0

=====

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses"

means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to

distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

```
*****
*
* 6. Disclaimer of Warranty
* -----
*
```

```
* Covered Software is provided under this License on an "as is"
* basis, without warranty of any kind, either expressed, implied, or
* statutory, including, without limitation, warranties that the
* Covered Software is free of defects, merchantable, fit for a
* particular purpose or non-infringing. The entire risk as to the
* quality and performance of the Covered Software is with You.
* Should any Covered Software prove defective in any respect, You
* (not any Contributor) assume the cost of any necessary servicing,
* repair, or correction. This disclaimer of warranty constitutes an
* essential part of this License. No use of any Covered Software is
* authorized under this License except under this disclaimer.
*
```

```
*****
*
* 7. Limitation of Liability
* -----
*
* Under no circumstances and under no legal theory, whether tort
* (including negligence), contract, or otherwise, shall any
* Contributor, or anyone who distributes Covered Software as
* permitted above, be liable to You for any direct, indirect,
* special, incidental, or consequential damages of any character
* including, without limitation, damages for lost profits, loss of
* goodwill, work stoppage, computer failure or malfunction, or any
* and all other commercial damages or losses, even if such party
* shall have been informed of the possibility of such damages. This
* limitation of liability shall not apply to liability for death or
* personal injury resulting from such party's negligence to the
* extent applicable law prohibits such limitation. Some
* jurisdictions do not allow the exclusion or limitation of
* incidental or consequential damages, so this exclusion and
* limitation may not apply to You.
*
```

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

--- end of LICENSE ---

%% This notice is provided with respect to PC/SC Lite v1.8.26, which may be included with JRE 8, JDK 8, and OpenJDK 8 on Linux and Solaris.

--- begin of LICENSE ---

Copyright (c) 1999-2003 David Corcoran <corcoran@linuxnet.com>
Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

Changes to this license can be made only by the copyright author with explicit written consent.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to PorterStemmer v4, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

See: <http://tartarus.org/~martin/PorterStemmer>

The software is completely free for any purpose, unless notes at the head of the program text indicates otherwise (which is rare). In any case, the notes about licensing are never more restrictive than the BSD License.

In every case where the software is not written by me (Martin Porter), this licensing arrangement has been endorsed by the contributor, and it is therefore unnecessary to ask the contributor again to confirm it.

I have not asked any contributors (or their employers, if they have them) for proofs that they have the right to distribute their software in this way.

--- end of LICENSE ---

%% This notice is provided with respect to Relax NG Object/Parser v.20050510, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) Kohsuke Kawaguchi

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to RelaxNGCC v1.12, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2000-2003 Daisuke Okajima and Kohsuke Kawaguchi.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by Daisuke Okajima and Kohsuke Kawaguchi (<http://relaxngcc.sf.net/>)."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names of the copyright holders must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact the copyright holders.
5. Products derived from this software may not be called "RELAXNGCC", nor may "RELAXNGCC" appear in their name, without prior written permission of the copyright holders.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to Relax NG Datatype 1.0, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) 2005, 2010 Thai Open Source Software Center Ltd
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.

Neither the names of the copyright holders nor the names of its
contributors may be used to endorse or promote products derived
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to SoftFloat version 2b, which may be
included with JRE 8, JDK 8, and OpenJDK 8 on Linux/ARM.

--- begin of LICENSE ---

Use of any of this software is governed by the terms of the license below:

SoftFloat was written by me, John R. Hauser. This work was made possible in
part by the International Computer Science Institute, located at Suite 600,
1947 Center Street, Berkeley, California 94704. Funding was partially
provided by the National Science Foundation under grant MIP-9311980. The
original version of this code was written as part of a project to build
a fixed-point vector processor in collaboration with the University of
California at Berkeley, overseen by Profs. Nelson Morgan and John Wawrzynek.

THIS SOFTWARE IS DISTRIBUTED AS IS, FOR FREE. Although reasonable effort
has been made to avoid it, THIS SOFTWARE MAY CONTAIN FAULTS THAT WILL AT
TIMES RESULT IN INCORRECT BEHAVIOR. USE OF THIS SOFTWARE IS RESTRICTED TO
PERSONS AND ORGANIZATIONS WHO CAN AND WILL TAKE FULL RESPONSIBILITY FOR ALL
LOSSES, COSTS, OR OTHER PROBLEMS THEY INCUR DUE TO THE SOFTWARE, AND WHO
FURTHERMORE EFFECTIVELY INDEMNIFY JOHN HAUSER AND THE INTERNATIONAL COMPUTER
SCIENCE INSTITUTE (possibly via similar legal warning) AGAINST ALL LOSSES,
COSTS, OR OTHER PROBLEMS INCURRED BY THEIR CUSTOMERS AND CLIENTS DUE TO THE
SOFTWARE.

Derivative works are acceptable, even for commercial purposes, provided
that the minimal documentation requirements stated in the source code are
satisfied.

--- end of LICENSE ---

%% This notice is provided with respect to Sparkle 1.5,
which may be included with JRE 8 on Mac OS X.

--- begin of LICENSE ---

Copyright (c) 2012 Sparkle.org and Andy Matuschak

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% Portions licensed from Taligent, Inc.

%% This notice is provided with respect to Thai Dictionary, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (C) 1982 The Royal Institute, Thai Royal Government.

Copyright (C) 1998 National Electronics and Computer Technology Center,
National Science and Technology Development Agency,
Ministry of Science Technology and Environment,
Thai Royal Government.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of LICENSE ---

%% This notice is provided with respect to Unicode 6.2.0 & CLDR 21.0.1 which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Unicode Terms of Use

For the general privacy policy governing access to this site, see the Unicode Privacy Policy. For trademark usage, see the Unicode?? Consortium Name and Trademark Usage Policy.

A. Unicode Copyright.

1. Copyright ?? 1991-2013 Unicode, Inc. All rights reserved.

2. Certain documents and files on this website contain a legend indicating that "Modification is permitted." Any person is hereby authorized, without fee, to modify such documents and files to create derivative works conforming to the Unicode?? Standard, subject to Terms and Conditions herein.

3. Any person is hereby authorized, without fee, to view, use, reproduce, and distribute all documents and files solely for informational purposes in the creation of products supporting the Unicode Standard, subject to the Terms and Conditions herein.

4. Further specifications of rights and restrictions pertaining to the use of the particular set of data files known as the "Unicode Character Database" can be found in Exhibit 1.

5. Each version of the Unicode Standard has further specifications of rights and restrictions of use. For the book editions (Unicode 5.0 and earlier), these are found on the back of the title page. The online code charts carry specific restrictions. All other files, including online documentation of the core specification for Unicode 6.0 and later, are covered under these general Terms of Use.

6. No license is granted to "mirror" the Unicode website where a fee is charged for access to the "mirror" site.

7. Modification is not permitted with respect to this document. All copies of this document must be verbatim.

B. Restricted Rights Legend. Any technical data or software which is licensed to the United States of America, its agencies and/or instrumentalities under this Agreement is commercial technical data or commercial computer software developed exclusively at private expense as defined in FAR 2.101, or DFARS 252.227-7014 (June 1995), as applicable. For technical data, use, duplication, or disclosure by the Government is subject to restrictions as set forth in DFARS 202.227-7015 Technical Data, Commercial and Items (Nov 1995) and this Agreement. For Software, in accordance with FAR 12-212 or DFARS 227-7202, as applicable, use, duplication or disclosure by the Government is subject to the restrictions set forth in this Agreement.

C. Warranties and Disclaimers.

1. This publication and/or website may include technical or typographical

errors or other inaccuracies . Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication and/or website. Unicode may make improvements and/or changes in the product(s) and/or program(s) described in this publication and/or website at any time.

2. If this file has been purchased on magnetic or optical media from Unicode, Inc. the sole and exclusive remedy for any claim will be exchange of the defective media within ninety (90) days of original purchase.

3. EXCEPT AS PROVIDED IN SECTION C.2, THIS PUBLICATION AND/OR SOFTWARE IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND EITHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. UNICODE AND ITS LICENSORS ASSUME NO RESPONSIBILITY FOR ERRORS OR OMISSIONS IN THIS PUBLICATION AND/OR SOFTWARE OR OTHER DOCUMENTS WHICH ARE REFERENCED BY OR LINKED TO THIS PUBLICATION OR THE UNICODE WEBSITE.

D. Waiver of Damages. In no event shall Unicode or its licensors be liable for any special, incidental, indirect or consequential damages of any kind, or any damages whatsoever, whether or not Unicode was advised of the possibility of the damage, including, without limitation, those resulting from the following: loss of use, data or profits, in connection with the use, modification or distribution of this information or its derivatives.

E.Trademarks & Logos.

1. The Unicode Word Mark and the Unicode Logo are trademarks of Unicode, Inc. ???The Unicode Consortium??? and ???Unicode, Inc.??? are trade names of Unicode, Inc. Use of the information and materials found on this website indicates your acknowledgement of Unicode, Inc.???s exclusive worldwide rights in the Unicode Word Mark, the Unicode Logo, and the Unicode trade names.

2. The Unicode Consortium Name and Trademark Usage Policy (???Trademark Policy???) are incorporated herein by reference and you agree to abide by the provisions of the Trademark Policy, which may be changed from time to time in the sole discretion of Unicode, Inc.

3. All third party trademarks referenced herein are the property of their respective owners.

Miscellaneous.

1. Jurisdiction and Venue. This server is operated from a location in the State of California, United States of America. Unicode makes no representation that the materials are appropriate for use in other locations. If you access this server from other locations, you are responsible for compliance with local laws. This Agreement, all use of this site and any claims and damages resulting from use of this site are governed solely by the laws of the State of California without regard to any principles which would apply the laws of a different jurisdiction. The user agrees that any disputes regarding this site shall be resolved solely in the courts located in Santa Clara County, California. The user agrees said courts have personal jurisdiction and agree to waive any right to transfer the dispute to any other forum.

2. Modification by Unicode. Unicode shall have the right to modify this Agreement at any time by posting it to this site. The user may not assign any part of this Agreement without Unicode???s prior written consent.

3. Taxes. The user agrees to pay any taxes arising from access to this website or use of the information herein, except for those based on Unicode???s net income.

4. Severability. If any provision of this Agreement is declared invalid or

unenforceable, the remaining provisions of this Agreement shall remain in effect.

5. Entire Agreement. This Agreement constitutes the entire agreement between the parties.

EXHIBIT 1

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>. Unicode Data Files do not include PDF online code charts under the directory <http://www.unicode.org/Public/>. Software includes any source code published in the Unicode Standard or under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, and <http://www.unicode.org/cldr/data/>.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright ?? 1991-2012 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

Unicode and the Unicode logo are trademarks of Unicode, Inc. in the United States and other countries. All third party trademarks referenced herein are the property of their respective owners.

--- end of LICENSE ---

%% This notice is provided with respect to UPX v3.01, which may be included with JRE 8 on Windows.

--- begin of LICENSE ---

Use of any of this software is governed by the terms of the license below:

```
ooooo      ooo ooooooooo.  ooooooooo  oooooo
`888'      `8' `888  `Y88.  `8888  d8'
888        8 888   .d88'   Y888..8P
888        8 888ooo88P'    `8888'
888        8 888           .8PY888.
`88.      .8' 888           d8' `888b
`YbodP'    o888o      o888o o88888o
```

The Ultimate Packer for eXecutables
Copyright (c) 1996-2000 Markus Oberhumer & Laszlo Molnar
<http://wildsau.idv.uni-linz.ac.at/mfx/upx.html>
<http://www.nexus.hu/upx>
<http://upx.tsx.org>

PLEASE CAREFULLY READ THIS LICENSE AGREEMENT, ESPECIALLY IF YOU PLAN TO MODIFY THE UPX SOURCE CODE OR USE A MODIFIED UPX VERSION.

ABSTRACT =====

UPX and UCL are copyrighted software distributed under the terms of the GNU General Public License (hereinafter the "GPL").

The stub which is imbedded in each UPX compressed program is part of UPX and UCL, and contains code that is under our copyright. The terms of the GNU General Public License still apply as compressing a program is a special form of linking with our stub.

As a special exception we grant the free usage of UPX for all executables, including commercial programs.
See below for details and restrictions.

COPYRIGHT =====

UPX and UCL are copyrighted software. All rights remain with the authors.

UPX is Copyright (C) 1996-2000 Markus Franz Xavier Johannes Oberhumer
UPX is Copyright (C) 1996-2000 Laszlo Molnar

UCL is Copyright (C) 1996-2000 Markus Franz Xavier Johannes Oberhumer

GNU GENERAL PUBLIC LICENSE =====

UPX and the UCL library are free software; you can redistribute them and/or modify them under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

UPX and UCL are distributed in the hope that they will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; see the file COPYING.

SPECIAL EXCEPTION FOR COMPRESSED EXECUTABLES =====

The stub which is imbedded in each UPX compressed program is part of UPX and UCL, and contains code that is under our copyright. The terms of the GNU General Public License still apply as compressing a program is a special form of linking with our stub.

Hereby Markus F.X.J. Oberhumer and Laszlo Molnar grant you special permission to freely use and distribute all UPX compressed programs (including commercial ones), subject to the following restrictions:

1. You must compress your program with a completely unmodified UPX version; either with our precompiled version, or (at your option) with a self compiled version of the unmodified UPX sources as distributed by us.
2. This also implies that the UPX stub must be completely unmodified, i.e. the stub imbedded in your compressed program must be byte-identical to the stub that is produced by the official unmodified UPX version.
3. The decompressor and any other code from the stub must exclusively get used by the unmodified UPX stub for decompressing your program at program startup. No portion of the stub may get read, copied, called or otherwise get used or accessed by your program.

ANNOTATIONS =====

- You can use a modified UPX version or modified UPX stub only for programs that are compatible with the GNU General Public License.
- We grant you special permission to freely use and distribute all UPX compressed programs. But any modification of the UPX stub (such as, but not limited to, removing our copyright string or making your program non-decompressible) will immediately revoke your right to use and distribute a UPX compressed program.
- UPX is not a software protection tool; by requiring that you use the unmodified UPX version for your proprietary programs we make sure that any user can decompress your program. This protects both you and your users as nobody can hide malicious code - any program that cannot be decompressed is highly suspicious by definition.
- You can integrate all or part of UPX and UCL into projects that are compatible with the GNU GPL, but obviously you cannot grant any special exceptions beyond the GPL for our code in your project.
- We want to actively support manufacturers of virus scanners and similar security software. Please contact us if you would like to incorporate parts of UPX or UCL into such a product.

Markus F.X.J. Oberhumer
markus.oberhumer@jkl.uni-linz.ac.at

Laszlo Molnar
ml1050@cdata.tvnet.hu

Linz, Austria, 25 Feb 2000

Additional License(s)

The UPX license file is at <http://upx.sourceforge.net/upx-license.html>.

--- end of LICENSE ---

%% This notice is provided with respect to Xfree86-VidMode Extension 1.0,
which may be included with JRE 8, JDK 8, and OpenJDK 8 on Linux and Solaris.

--- begin of LICENSE ---

Version 1.1 of XFree86 ProjectLicence.

Copyright (C) 1994-2004 The XFree86 Project, Inc. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution, and in the same place and form as other copyright, license and disclaimer information.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by The XFree86 Project, Inc (<http://www.xfree86.org/>) and its contributors", in the same place and form as other third-party acknowledgments. Alternately, this acknowledgment may appear in the software itself, in the same form and location as other such third-party acknowledgments.
4. Except as contained in this notice, the name of The XFree86 Project, Inc shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The XFree86 Project, Inc.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE XFREE86 PROJECT, INC OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

--- end of LICENSE ---

%% This notice is provided with respect to xwd v1.0.7, which may be included with JRE 8, JDK 8, and OpenJDK 8 on Linux and Solaris.

xwd utility

--- begin of LICENSE ---

Copyright 1994 Hewlett-Packard Co.
Copyright 1996, 1998 The Open Group

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The Open Group.

--- end of LICENSE ---

Copyright notice for HPkeysym.h:
/*

Copyright 1987, 1998 The Open Group

All Rights Reserved.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The Open Group.

Copyright 1987 by Digital Equipment Corporation, Maynard, Massachusetts,

All Rights Reserved

Permission to use, copy, modify, and distribute this software and its

documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the names of Hewlett Packard or Digital not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

DIGITAL DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL DIGITAL BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

HEWLETT-PACKARD MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS SOFTWARE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Hewlett-Packard shall not be liable for errors contained herein or direct, indirect, special, incidental or consequential damages in connection with the furnishing, performance, or use of this material.

*/

--- end of LICENSE ---

%% This notice is provided with respect to zlib v1.2.11, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

--- end of LICENSE ---

%% This notice is provided with respect to the following which may be included with JRE 8, JDK 8, and OpenJDK 8.

Apache Commons Math 3.2
Apache Derby 10.11.1.2
Apache Jakarta BCEL 5.1
Apache Santuario XML Security for Java 2.1.1
Apache Xalan-Java 2.7.2
Apache Xerces Java 2.10.0
Apache XML Resolver 1.1

--- begin of LICENSE ---

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a

file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

--- end of LICENSE ---

%% This notice is provided with respect to OASIS PKCS #11 Cryptographic Token Interface v2.40, which may be included with JRE 8, JDK 8, and OpenJDK 8.

--- begin of LICENSE ---

Copyright (c) OASIS Open 2016. All Rights Reserved.

All capitalized terms in the following text have the meanings assigned to them in the OASIS Intellectual Property Rights Policy (the "OASIS IPR Policy"). The full Policy may be found at the OASIS website:
[<http://www.oasis-open.org/policies-guidelines/ipr>]

This document and translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published, and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this section are included on all such copies and derivative works. However, this document itself may not be modified in any way, including by removing the copyright notice or references to OASIS, except as needed for the purpose of developing any document or deliverable produced by an OASIS Technical Committee (in which case the rules applicable to copyrights, as set forth in the OASIS IPR Policy, must be followed) or as required to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked by OASIS or its successors or assigns.

This document and the information contained herein is provided on an "AS IS" basis and OASIS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. OASIS AND ITS MEMBERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THIS DOCUMENT OR ANY PART THEREOF.

--- end of LICENSE ---

1.53.3.8 Public-domain

Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public domain, as explained at <http://creativecommons.org/publicdomain/zero/1.0/>

1.53.3.9 *Permission notice(Digital and Hewlett Packard)*

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the names of Hewlett Packard or Digital not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

DIGITAL DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL DIGITAL BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

HEWLETT-PACKARD MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS SOFTWARE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Hewlett-Packard shall not be liable for errors contained herein or direct, indirect, special, incidental or consequential damages in connection with the furnishing, performance, or use of this material.

1.53.3.10 *Permission Notice - The Open Group*

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The Open Group.

1.53.3.11 *Permission Notice (Unicode Inc)*

Distributed under the
Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and associated documentation (the "Data Files") or Unicode software and associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear in all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS

NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

1.53.3.12 *Permission Notice (FundsXpress, INC.)*

Export of this software from the United States of America may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of FundsXpress. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. FundsXpress makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.53.3.13 *Permission Notice*

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.53.3.14 *OpenJDK-assembly-exception-1.0*

OpenJDK Assembly Exception The OpenJDK source code made available by Oracle America, Inc. (Oracle) at openjdk.java.net ("OpenJDK Code") is distributed under the terms of the GNU General Public License <<http://www.gnu.org/copyleft/gpl.html>> version 2 only ("GPL2"), with the following clarification and special exception.

Linking this OpenJDK Code statically or dynamically with other code is making a combined work based on this library. Thus, the terms and conditions of GPL2 cover the whole combination.

As a special exception, Oracle gives you permission to link this OpenJDK Code with certain code licensed by Oracle as indicated at <http://openjdk.java.net/legal/exception-modules-2007-05-08.html> ("Designated Exception Modules") to produce an executable, regardless of the license terms of the Designated Exception Modules, and to copy and distribute the resulting executable under GPL2, provided that the Designated Exception Modules continue to be governed by the licenses

under which they were offered by Oracle. As such, it allows licensees and sublicensees of Oracle's GPL2 OpenJDK Code to build an executable that includes those portions of necessary code that Oracle could not provide under GPL2 (or that Oracle has provided under GPL2 with the Classpath exception). If you modify or add to the OpenJDK code, that new GPL2 code may still be combined with Designated Exception Modules if the new code is made subject to this exception by its copyright holder.

1.53.3.15 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.53.3.16 LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions

for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.53.3.17 IJG

Independent JPEG Group License LEGAL ISSUES

In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

1.53.3.18 HP Notice

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Compaq or HP not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. HP makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

HP DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL HP BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.53.3.19 GPL-2.0

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the

Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.53.3.20 CC0-1.0

Creative Commons Legal Code

CC0 1.0 Universal CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.53.3.21 *BSD-3-Clause-No-Nuclear-License*

Copyright 1994-2009 Sun Microsystems, Inc. All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

1.53.3.22 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.53.3.23 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the distribution.

- Neither the name of Oracle nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.53.3.24 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Oracle nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.53.3.25 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT

NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.53.3.26 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of JSR-310 nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.53.3.27 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.53.3.28 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing

lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

1.53.3.29 *Apache-1.1 like(Graz University of Technology)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by IAIK of Graz University of Technology."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. The names "Graz University of Technology" and "IAIK of Graz University of Technology" must not be used to endorse or promote products derived from this software without prior written permission.
5. Products derived from this software may not be called "IAIK PKCS Wrapper", nor may "IAIK" appear in their name, without prior written permission of Graz University of Technology.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE LICENSOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.53.3.30 *Public Domain Notice:*

This module, both source code and documentation, is in the Public Domain, and comes with NO WARRANTY

1.53.3.31 *Public Domain Notice:*

Public domain

1.54 OpenSSL 1.1.1q

1.54.1 Copyrights

Copyright The OpenSSL Project Authors
Copyright 1995-2022 The OpenSSL Project Authors.
Copyright 2017 Ribose Inc. All Rights Reserved. Ported from Ribose contributions from Botan.
Copyright 2017 Ribose Inc.
Copyright 2017 BaishanCloud.

Copyright 2016 VMS Software, Inc.
Copyright 2014-2016 Cryptography Research, Inc.
Copyright 2012, Samuel Neves <sneves@dei.uc.pt>
Copyright 2011 Google Inc.
Copyright 2006 NTT (Nippon Telegraph and Telephone Corporation) . ALL RIGHTS RESERVED.
Copyright 2005 Nokia.
Copyright 2004-2014, Akamai Technologies.
Copyright 1995-2000 -\$YEAR The OpenSSL Project Authors.
Copyright 1998-\$YEAR The OpenSSL Authors.
Copyright (C) 2017-2018 , Oracle and/or its affiliates.
Copyright (C) 2017-2017 National Security Research Institute.
Copyright (C) 2015, CloudFlare, Inc.
Copyright (C) 2015 CloudFlare, Inc.
Copyright (C) 2012-2014 , Intel Corporation.
Copyright (C) 2013-2014 Timo Teräs <timo.teras@gmail.com>
Copyright (C) 2012-2016 Jean-Philippe Aumasson
Copyright (C) 2012-2014 Daniel J. Bernstein
Copyright (C) 2008 Andy Polyakov <appro@openssl.org>
Copyright (C) 2007 KISA(Korea Information Security Agency).
Copyright (C) 2004, EdelKey Project.
Copyright (C) 2004-2018 , Richard Levitte <richard@levitte.org>
Copyright (C) 2004 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden).
Copyright (C) 2002, Oracle and/or its affiliates. All rights reserved
Copyright (C) 2002 The OpenTSA Project.
Copyright (C) 1998-2022 The OpenSSL Project
Copyright (C) 1995-1998 Eric A. Young, Tim J. Hudson
Copyright (C) 2006, Network Resonance, Inc. Copyright (C) 2011, RTFM, Inc.
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)

1.54.2 Acknowledgements

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"

"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

To the extent files may be licensed under Quadruple License GPL-2.0+ or LGPL-2.1+ or MPL-1.1 or BSD-2-Clause, in this context BSD-2-Clause has been chosen.
This shall not restrict the freedom of other users to choose either GPL-2.0+ or LGPL-2.1+ or MPL-1.1 or BSD-2-Clause

To the extent files may be licensed under OpenSSL and Cryptogams, in this context both the licenses apply.

1.54.3 Licenses

1.54.3.1 *OpenSSL*

LICENSE ISSUES
=====

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License

=====
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Original SSLeay License

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
All rights reserved.

This package is an SSL implementation written
by Eric Young (eay@cryptsoft.com).
The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as
the following conditions are aheared to. The following conditions
apply to all code found in this distribution, be it the RC4, RSA,
lhash, DES, etc., code; not just the SSL code. The SSL documentation
included with this distribution is covered by the same copyright terms
except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in
the code are not to be removed.
If this package is used in a product, Eric Young should be given attribution
as the author of the parts of the library used.
This can be in the form of a textual message at program startup or
in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software
must display the following acknowledgement:
"This product includes cryptographic software written by
Eric Young (eay@cryptsoft.com)"
The word 'cryptographic' can be left out if the rouines from the library
being used are not cryptographic related :-).
4. If you include any Windows specific code (or a derivative thereof) from
the apps directory (application code) you must include an acknowledgement:
"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The licence and distribution terms for any publically available version or
derivative of this code cannot be changed. i.e. this code cannot simply be
copied and put under another distribution licence
[including the GNU Public Licence.]

1.54.3.2 *Quadruple License - GPL-2.0+ or LGPL-2.1+ or MPL-1.1 or BSD-2-Clause*

This module may be used under the terms of either the GNU General
Public License version 2 or later, the GNU Lesser General Public
License version 2.1 or later, the Mozilla Public License version
1.1 or the BSD License. The exact terms of either license are
distributed along with this module. For further details see
<http://www.openssl.org/~appro/camellia/>.

1.54.3.3 *Public-domain*

This code is hereby placed in the public domain.

THIS SOFTWARE IS PROVIDED BY THE AUTHORS 'AS IS' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.54.3.4 *Public-domain*

SHA based password algorithm, describe by Ulrich Drepper here:

<https://www.akkadia.org/drepper/SHA-crypt.txt>
(note that it's in the public domain)

1.54.3.5 *Public-domain*

Information for ARIA

<http://210.104.33.10/ARIA/index-e.html> (English)
<http://seed.kisa.or.kr/> (Korean)

Public domain version is distributed above.

1.54.3.6 *Public-domain*

Adapted from the public domain code by D. Bernstein from SUPERCOP

1.54.3.7 *Public Domain*

Inspired by Daniel J. Bernstein's public domain nistp224 implementation and Adam Langley's public domain 64-bit C implementation of curve25519

1.54.3.8 *Dual License - OpenSSL and CRYPTOGAMS*

Written by Andy Polyakov <approfy.chalmers.se> for the OpenSSL project. The module is, however, dual licensed under OpenSSL and CRYPTOGAMS licenses depending on where you obtain it. For further details see <http://www.openssl.org/~appro/cryptogams/>.

1.54.3.9 *Cryptogams*

Copyright (c) 2006, CRYPTOGAMS by <appro@openssl.org>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain copyright notices, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of the CRYPTOGAMS nor the names of its copyright holder and contributors may be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.54.3.10 CC0-1.0

Creative Commons Legal Code

CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

- a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.
- b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.
- c. Affirmer disclaims responsibility for clearing rights of other persons

that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

1.54.3.11 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.54.3.12 *BSD-2-Clause_REGENTS AND CONTRIBUTORS*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.54.3.13 *BSD-2-Clause (AUTHOR AND OTHER CONTRIBUTORS)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND OTHER CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR OTHER CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.54.3.14 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.54.3.15 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.54.3.16 *Artistic-1.0-Perl*

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
 - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
 - b) use the modified Package only within your corporation or organization.
 - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
 - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
 - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
 - b) accompany the distribution with the machine-readable source of the Package with your modifications.
 - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
 - d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

1.54.3.17 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative

Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-

INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.55 opkg-utils 0.4.2

1.55.1 Copyrights

Copyright 2001, Russell Nelson <opkg.py@russnelson.com>

Copyright (c) 2006-7 Paul Sokolovsky

Copyright (C) 2001 Carl D. Worth

Copyright (C) 2001 Alexander S. Guy <a7r@andern.org> Andern Research Labs

Copyright (C) 1995 Ian Jackson.

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.55.2 Licenses

1.55.2.1 **GPL-2.0**

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter,

translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.55.2.2 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and
change it. By contrast, the GNU General Public License is intended to guarantee your
freedom to share and change free software--to make sure the software is free for all
its users. This General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to using it. (Some
other Free Software Foundation software is covered by the GNU Lesser General Public
License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General
Public Licenses are designed to make sure that you have the freedom to distribute
copies of free software (and charge for this service if you wish), that you receive

source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.56 packagegroup-core-boot 1.0

1.56.1 Copyrights

Copyright (C) 2007 OpenedHand Ltd.

1.56.2 Licenses

1.56.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this
software and associated documentation files (the "Software"), to deal in the Software
without restriction, including without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice shall be included in all copies
or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF
CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE
OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.57 paho-mqtt-c-1.3.9 1.3.9

1.57.1 Copyrights

Copyright (c) 2006, 2008 Junio C Hamano

Copyright (c) 2009-2020 IBM Corp.

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

Copyright (c) 2009-2020 IBM Corp. and others

(c) JS Foundation and other contributors | jquery.org/license */

Copyright (C) 1997-2019 by Dimitri van Heesch

Copyright (c) 2017, 2020 IBM Corp. and others

[name="I00003">](#)3 */

[name="I00004">](#)4 * All rights reserved. This program and the accompanying

materials

[name="I00005">](#)5 * are made available under the terms of the Eclipse Public

License v2.0

[name="I00006">](#)

6

[* and Eclipse Distribution License v1.0 which accompany this distribution.](#)

7

[* The Eclipse Public License is available at](#)

Copyright (c) 2009, 2020 IBM Corp.

3

[* All rights reserved. This program and the accompanying materials](#)

5

[* are made available under the terms of the Eclipse Public License v2.0](#)

6

[* and Eclipse Distribution License v1.0 which accompany this distribution.](#)

7

[* The Eclipse Public License is available at](#)

Copyright (c) 2018 IBM Corp.

3

[* All rights reserved. This program and the accompanying materials](#)

5

[* are made available under the terms of the Eclipse Public License v2.0](#)

6

[* and Eclipse Distribution License v1.0 which accompany this distribution.](#)

7

[* The Eclipse Public License is available at](#)

Copyright (c) 2009, 2021 IBM Corp., Ian Craggs and others

3

[* All rights reserved. This program and the accompanying materials](#)

5

[* are made available under the terms of the Eclipse Public License v2.0](#)

6

[* and Eclipse Distribution License v1.0 which accompany this distribution.](#)

7

[* The Eclipse Public License is available at](#)

Copyright (c) 2015, 2020 logi.cals GmbH and others

Copyright (c) 2009-2021 IBM Corp. and Ian Craggs

Copyright (c) 2012, 2020 IBM Corp., and others

Copyright (c) 2018-2019 Wind River Systems, Inc. All Rights Reserved.

Copyright (c) 2020, 2020 Andreas Walter

Copyright (c) 2009, 2021 IBM Corp., Ian Craggs and others

© Copyright 2009, 2021 IBM Corp., Ian Craggs and others

Copyright (c) 2018, 2021 Wind River Systems, Inc., Ian Craggs and others

Copyright (c) 2018, 2020 Wind River Systems, Inc. and others. All Rights Reserved.

Copyright (c) 2012, 2018 IBM Corp.

Copyright (c) 2015-2017 logi.cals GmbH

1.57.2 Acknowledgements

In this context the GPL-2.0 license has been chosen.

1.57.3 Licenses

1.57.3.1 Dual License_ GPL-2.0 Or GPL-3.0

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) version 3.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

1.57.3.2 EPL-2.0

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including,

for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY

WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

1.57.3.3 *BSD-3-clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.57.3.4 *GPL-2.0*

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.57.3.5 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this
software and associated documentation files (the "Software"), to deal in the Software
without restriction, including without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice (including the next paragraph)
shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF
CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE
OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.57.3.6 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND
DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution
as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner
that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that
control, are controlled by, or are under common control with that entity. For the
purposes of this definition, "control" means (i) the power, direct or indirect, to
cause the direction or management of such entity, whether by contract or otherwise, or

(ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge,

royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.57.3.7 CPL-1.0

Common Public License Version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT. 1.

DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors. 2.

GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement. 3.

REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution. 4.

COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages. 5.

NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-

INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations. 6.

DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. 7.

GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. IBM is the initial Agreement Steward. IBM may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

1.57.3.8 MPL-1.1

Mozilla Public License Version 1.1

1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this

License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

a. under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

b. under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

c. the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

d. Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

a. under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

b. under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

c. the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

d. Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that

alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the

Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. Termination

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

a. such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

b. any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES,

EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. government end users

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. Miscellaneous

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. Responsibility for claims

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. Multiple-licensed code

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A. Exhibit A - Mozilla Public License.

"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is _____ .

The Initial Developer of the Original Code is _____ .

Portions created by _____ are Copyright (C) _____. All Rights Reserved.

Contributor(s): _____ .

Alternatively, the contents of this file may be used under the terms of the _____ license (the " [_____] License"), in which case the provisions of [_____] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [_____] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [_____] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [_____] License."

NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.

1.58 pciutils 3.6.4

1.58.1 Copyrights

Copyright (c) 2018 YuJian.Gong <gongyujian@acoinfo.com>
Copyright (c) 2002-2014 Martin Mares <mj@ucw.cz>
Copyright (c) 2014 Gerd Hoffmann <kraxel@redhat.com>
Copyright (c) 2013--2014 Tom Gundersen <teg@jklm.no>
Copyright (c) 2013 Apple, Inc.
Copyright (c) 2010, 2017 Rudolf Marek <r.marek@assembler.cz>
Copyright (c) 2009 Francois Revol <revol@free.fr>
Copyright (c) 2008--2009 Martin Mares <mj@ucw.cz>
Copyright (c) 2008 Solarflare Communications
Copyright (c) 1997-2007 --2008 Martin Mares <mj@ucw.cz>
Copyright (c) 2007 Thomas Schwinge <tschwinge@gnu.org>
Copyright (c) 2006 Samuel Thibault <samuel.thibault@ens-lyon.org> and Thomas Schwinge <tschwinge@gnu.org>
Copyright (c) 2004 Alexander Stock <stock.alexander@gmx.de>
Copyright (c) 1997-2003 --2006 Martin Mares <mj@ucw.cz>
Copyright (c) 2003 Matthew Wilcox <matthew@wil.cx>
Copyright (c) 2003 Marco Gerards <metgerards@student.han.nl>
Copyright (c) 2003 Bill Moore <billm@eng.sun.com>
Copyright (c) 2002 Quentin Garnier <cube@cubidou.net>
Copyright (c) 1999 Jari Kirma <kirma@cs.hut.fi> Updated in 2003 by Samy Al Bahra <samy@kerneled.com> Updated in 2017 by Imre Vadász <imrevdsz@gmail.com>
Copyright (c) 1999 Jari Kirma <kirma@cs.hut.fi>
Copyright (c) 1997-1998 --2014 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2018 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2017 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2016 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2013 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2010 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2004 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2003 Martin Mares <mj@ucw.cz>
Copyright (c) 1997--2000 Martin Mares <mj@ucw.cz>
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Copyright (C) 1989, 1990, 1991, 1992, 1993 Free Software Foundation, Inc.
Copyright (C) 1987, 88, 89, 90, 91, 92, 1993 Free Software Foundation, Inc.
(c) 2003--2012 Martin Mares <mj@ucw.cz>
(c) 2003--2011 Martin Mares <mj@ucw.cz>
(c) 1999--2014 Martin Mares <mj@ucw.cz>
(c) 1998--2018 Martin Mares <mj@ucw.cz>
(c) 1998--2013 Martin Mares <mj@ucw.cz>

1.58.2 Acknowledgements

To the extent files may be licensed under GPL 2.0+ or 3-Clause-BSD, in this context 3-Clause-BSD has been chosen.

This shall not restrict the freedom of other users to choose either GPL 2.0+ or 3-Clause-BSD license.

1.58.3 Licenses

1.58.3.1 **GPL-2.0+**

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous

contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.58.3.2 *Dual license - BSD-3-Clause or GPL-2.0+*

This file can be distributed under either the GNU General Public License (version 2 or higher) or the 3-clause BSD License.

1.58.3.3 *BSD-3-Clause*

Copyright (c) {{YEAR}}, {{OWNER}}
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of {{the ORGANIZATION nor the names of its contributors}} may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{THE COPYRIGHT HOLDERS AND CONTRIBUTORS}} "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL {{THE COPYRIGHT HOLDER OR CONTRIBUTORS}} BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.58.3.4 GPL-2.0

GNU General Public License, version 2
What to do if you see a possible GPL violation
Translations of the GPL
GPL Frequently Asked Questions
The GNU General Public License (GPL) in plain text format
The GNU General Public License (GPL) in Texinfo format
The GNU General Public License (GPL) in LaTeX format
The GNU General Public License (GPL) as an appendix in DocBook format
Table of Contents

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive

but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not

impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.59 POCO C++ Libraries 1.10.1

1.59.1 Copyrights

copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following disclaimer.
copyright by Kevlin Henney. Modified for Poco by Applied Informatics.
Copyright.txt or <https://cmake.org/licensing> for details.
Copyright Siemens AG, 2014
Copyright Kevlin Henney, 2000, 2001, 2002. All rights reserved.
Copyright 2006-2012 the V8 project authors. All rights reserved.
Copyright 2005, O'Reilly Media, Inc
Copyright 2001-2004 Unicode, Inc.
Copyright 1995-2017 Mark Adler
Copyright 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (c) 1029-2019 , Applied Informatics Software Engineering GmbH. and Contributors.
Copyright (c) 2017, Applied Informatics Software Engineering GmbH and Contributors.
Copyright (c) 2017 Tessil
Copyright (c) 2006-2016 , Applied Informatics Software Engineering GmbH. All rights reserved.
Copyright (c) 2013 Nathan Osman
Copyright (c) 2011, Anton V. Yabchinskiy (arn at bestmx dot ru).
Copyright (c) 2010-2013
Copyright (c) 2009-2013 Code Synthesis Tools CC.
Copyright (c) 2006-2020 by Applied Informatics Software Engineering GmbH rem and Contributors.
Copyright (c) 2006 Taxus SI Ltd.
Copyright (c) 2006 StÃ©phane Dunand
Copyright (c) 2006 Mateusz Loskot (mloskot@loskot.net)
Copyright (c) 2006 Mateusz Loskot (mateusz@loskot.net)
Copyright (c) 2006 Mateusz Loskot
Copyright (c) 2006 (TODO: Full name of hav)
Copyright (c) 2004-20011, Applied Informatics Software Engineering GmbH. and Contributors.
Copyright (c) 2001 by Andrei Alexandrescu
Copyright (c) 2000-2017 Expat development team
Copyright (c) 1997-2018 University of Cambridge
Copyright (c) 1997-2000 Thai Open Source Software Center Ltd
Copyright (c) 1983-1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.
Copyright (C) Calum Grant 2007
Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013 Mark Adler
Copyright (C) 1995-2017 Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2016 Jean-loup Gailly
Copyright (C) 1995- 2005-2016 Mark Adler
Copyright (C) 1995-2006, 2010, 2011, 2012 Mark Adler
Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2005, 2010, 2011, 2012 Jean-loup Gailly.
Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

(C) Copyright Nicolai M. Josuttis 2001. Permission to copy, use, modify, sell and distribute this software

1.59.2 Licenses

1.59.2.1 BSL-1.0

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.59.2.2 Zlib

zlib License Copyright (c) <year> <copyright holders>

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.59.2.3 Zlib

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

1.59.2.4 *RSA-MD*

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

1.59.2.5 *Public-domain*

Public Domain

1.59.2.6 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.59.2.7 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.60 poky-dizzy-packagegroup-base 1.0

1.60.1 Licenses

1.60.1.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.61 pcrc 8.44

1.61.1 Copyrights

Copyright(c) 2009-2019 Zoltan Herczeg All rights reserved.

Copyright © 2007 Google Inc.

Copyright © 1997-2017 University of Cambridge.

Copyright Zoltan Herczeg (hzmester@freemail.hu). All rights reserved.

Copyright 2013-2013 Tilera Corporation(jiawang@tilera.com). All rights reserved.

Copyright 2003 and onwards Google Inc. Author: Sanjay Ghemawat

Copyright (c) 2010-2013

Copyright (c) 2010-2012

Copyright (c) 2005-2012 , Google Inc. All rights reserved.

Copyright (c) 2007-2012 Google Inc All rights reserved

Copyright (c) 2007 Google Inc.

Copyright (c) 2001, Alexander Tokarev All rights reserved.

Copyright (c) 1997-2019 University of Cambridge All rights reserved.

Copyright (c) 1997-2018 University of Cambridge

(c) 2001 Peter S. Voronov aka Chem O'Dun <petervrn@yahoo.com>

(c) 2001 Alexander Tokarev <dwalin@dwalin.ru>

1.61.2 Licenses

1.61.2.1 BSD-3-Clause(University of Cambridge, Google Inc.)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of the University of Cambridge nor the name of Google Inc. nor the names of their contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.61.2.2 *BSD-3-Clause (University of Cambridge)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the University of Cambridge nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.61.2.3 *BSD-3-Clause (Google Inc.)*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.61.2.4 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.61.2.5 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.62 protobuf 3.11.4

1.62.1 Copyrights

copyright 2008 Google Inc.

Copyright 2019 Google Inc. All rights reserved. <https://github.com/protocolbuffers/protobuf>

Copyright 2008-2018 Google Inc. All rights reserved. <https://developers.google.com/protocol-buffers/>

Copyright 2007-2017 Google Inc. All Rights Reserved.

Copyright 2005-2015 , Google Inc. All rights reserved.

Copyright 2015, Google Inc.

Copyright 2005-2008 Google Inc. All rights reserved.

Copyright 2008 Google Inc.

Copyright 2007-2011 Baptiste Lepilleur

Copyright (c) 2016 Krzesimir Nowak qdlacz@gmail.com

Copyright (c) 2015 Paul Norman penorman@mac.com

Copyright (c) 2015 Moritz Klammler moritz@klammler.eu

Copyright (c) 2014, 2015 Google Inc. contributed by Alexey Sokolov sokolov@google.com

Copyright (c) 2013 Roy Stogner roystgnr@ices.utexas.edu

Copyright (c) 2012 Zack Weinberg zackw@panix.com

Copyright (c) 2012 Avionic Design GmbH

Copyright (c) 2011 Daniel Richard G. skunk@iSKUNK.ORG

Copyright (c) 2008 Steven G. Johnson stevenj@alum.mit.edu

Copyright (c) 2008 Paolo Bonzini bonzini@gnu.org

Copyright (c) 2008 Benjamin Kosnik bkoz@redhat.com

Copyright (c) 2007-2010 by Baptiste Lepilleur

Copyright (c) 2007-2010 Baptiste Lepilleur

Copyright (c) 2006, Google Inc. All rights reserved.

Copyright (C) 2010-2018 Free Software Foundation, Inc.

Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc.

Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc.

Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc.

Copyright (C) 1999-2018 Free Software Foundation, Inc. Written by Tom Tromey

[<tromey@cygnus.com>](mailto:tromey@cygnus.com).

1.62.2 Acknowledgements

To the extent files may be licensed under a Public domain or MIT. In this context, MIT has been chosen.

This shall not restrict the freedom of future contributors to choose Public domain or MIT.

1.62.3 Licenses

1.62.3.1 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Kitware, Inc. nor the names of Contributors may be used to endorse or promote products derived from this

software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.62.3.2 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.62.3.3 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.62.3.4 *Public-domain*

MurmurHash2, by Austin Appleby (released as public domain).

1.62.3.5 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.63 RocksDB 6.11.4

1.63.1 Copyrights

Copyright 2016 Ferry Toth, Exalon Delft BV, The Netherlands

Copyright 2014 The LevelDB Authors. All rights reserved.

Copyright 2013 Facebook, Inc.

Copyright 2013 Facebook

Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

Copyright (c) Facebook, Inc. and its affiliates.

Copyright (c) 2011-2020 -present, Facebook, Inc. All rights reserved.

Copyright (c) 2019 Intel Corporation

Copyright (c) 2018, Arm Limited and affiliates. All rights reserved.

Copyright (c) 2017 International Business Machines Corp. All rights reserved.

Copyright (c) 2015-2016 , Red Hat, Inc. All rights reserved.

Copyright (c) 2013-2016 , Facebook, Inc. All rights reserved.

Copyright (c) 2015 Anton Blanchard <anton@au.ibm.com>, IBM

Copyright (c) 2014, Vlad Balan (vlad.gm@gmail.com). All rights reserved.

Copyright (c) 2011-2014 The LevelDB Authors. All rights reserved.

Copyright (c) 2012 Facebook.

Copyright (C) 2019-present, Yann Collet.

Copyright (C) 2015, 2017 International Business Machines Corp. All rights reserved.

Copyright (C) 2012-2016, Yann Collet

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

1.63.2 Acknowledgements

To the extent files may be licensed under Apache-2.0 License Or GPL-2.0, in this context Apache-2.0 License has been chosen.

This shall not restrict the freedom of future contributors to choose Apache-2.0 License Or GPL-2.0.

For convenience both license texts are available in this document.

1.63.3 Licenses

1.63.3.1 *Dual License - Apache-2.0 or GPL-2.0*

RocksDB is dual-licensed under both the GPLv2 (found in the COPYING file in the root directory) and Apache 2.0 License (found in the LICENSE.Apache file in the root directory). You may select, at your option, one of the above-listed licenses.

1.63.3.2 *Public-domain*

Public Domain

1.63.3.3 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.63.3.4 *GPL-2.0*

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the

Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.63.3.5 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.63.3.6 *BSD-2-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.63.3.7 *BSD*

BSD is referenced without a version number. Please look up BSD in the License Admin to view the different versions.

1.63.3.8 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original

work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally

appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.64 run-postinsts 1.0

1.64.1 Licenses

1.64.1.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.65 sdbus-cpp 0.8.1

1.65.1 Copyrights

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

(c) kennytm, <https://github.com/kennytm/utls/blob/master/traits.hpp>

(C) 2016 - 2019 Stanislav Angelovic <angelovic.s@gmail.com>

(C) 2016 - 2017 KISTLER INSTRUMENTE AG, Winterthur, Switzerland

1.65.2 Licenses

1.65.2.1 LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that

is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or

modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA. Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.66 shadow-securetty 4.6

1.66.1 Copyrights

© 2000 Free Software Foundation, Inc.
copyrighted by the Free Software Foundation
copyright for their translations to this person
copyright di atas, persyaratan ini, dan disclaimer berikut.
copyright Free Software Foundation, Inc.
Copyright: Ming Hua <minghua@ubuntu.com>, 2005,2006,2007. Carlos Z.F. Liu <carlosliu@users.sourceforge.net>, 2004,2006. YunQiang Su <wzssyqa@gmail.com>, 2010, 2012.
Copyright © 2015 Free Software Foundation, Inc. Clytie Siddall <clytie@riverland.net.au>, 2005-2008. Tr?n Ng?c Qu?n <vnwildman@gmail.com>, 2014, 2015, 2016.
Copyright © 2005 the shadow copyright holder.
Copyright Scorpio, www.linuxforum.net, 2000
Copyright Red Hat, Inc., 1998, 1999, 2002.
Copyright 2000, International Business Machines, Inc. X. All rights reserved.
Copyright 2000, International Business Machines, Inc. X All rights reserved.
Copyright 2000, International Business Machines, Inc. All rights reserved.
Copyright 1992-2018 Free Software Foundation, Inc.
Copyright 1996, Rafal Maszkowski, rzm@pdi.net All rights reserved.
Copyright 1996, Rafal Maszkowski, rzm@pdi.net
Copyright 1996, Rafal Maszkowski <rzm@pdi.net> All rights reserved.
Copyright 1995 by Wietse Venema. All rights reserved.
Copyright 1993 Rickard E. Faith (faith@cs.unc.edu)
Copyright 1992, Phillip Street and Julianne Frances Haugh All rights reserved.
Copyright 1989-1994 , Julianne Frances Haugh All rights reserved.
Copyright 1991, Julianne Frances Haugh Hungarian translation by Peter Mamuzsics <zumu@mentha.hu> All rights reserved.
Copyright 1991, Julianne Frances Haugh
Copyright 1991 \- 1993, Julianne Frances Haugh All rights reserved.
Copyright 1991 - 1993, Julianne Frances Haugh and Chip Rosenthal All rights reserved.

Copyright 1990, John F. Haugh II All rights reserved.
Copyright 1990 - 1994 Julianne Frances Haugh All rights reserved.
Copyright 1989 \- 1994, John F. Haugh II All rights reserved.
Copyright 1989 \- 1990, Julianne Frances Haugh All rights reserved.
Copyright (c) Cristian Gafton, 1998, <gafton@redhat.com>
Copyright (c) 2017, Chris Lamb All rights reserved.
Copyright (c) 2014, Red Hat, Inc. All rights reserved.
Copyright (c) 2013, Eric W. Biederman All rights reserved.
Copyright (c) 2013 Eric W. Biederman All rights reserved.
Copyright (c) 2013 Eric Biederman All rights reserved.
Copyright (c) 2012- Eric W. Biederman
Copyright (c) 2012 Eric Biederman
Copyright (c) 2012 - Eric Biederman
Copyright (c) 2011 , Peter Vrabec <pvrabec@redhat.com> All rights reserved.
Copyright (c) 2005-2013 , Nicolas François All rights reserved.
Copyright (c) 2011 , Julian Pidancet
Copyright (c) 2011 , Jonathan Nieder All rights reserved.
Copyright (c) 2010, Pawel Hajdan All rights reserved.
Copyright (c) 2010 - , Nicolas François All rights reserved.
Copyright (c) 2010 , Jakub Hrozek <jhrozek@redhat.com>
Copyright (c) 2008 - 2011, Nicolas François
Copyright (c) 2000-2007 , Tomasz Kloczko
Copyright (c) 2006 , Jonas Meurer
Copyright (c) 2005 - 2006, Yuri Kozlov
Copyright (c) 2001-2006 , Tomasz Kloczko All rights reserved.
Copyright (c) 2005 , Red Hat, Inc.
Copyright (c) 2001-2005 , Michal Moskal
Copyright (c) 2004 The FreeBSD Project. All rights reserved.
Copyright (c) 2002 NAKANO Takeo all rights reserved.
Copyright (c) 2001 Yuichi SATO all rights reserved.
Copyright (c) 2001 Rafal Wojtczuk, Solar Designer All rights reserved.
Copyright (c) 2001 Maki KURODA all right reserved
Copyright (c) 2000 ISHIKAWA Keisuke all rights reserved.
Copyright (c) 2000 , International Business Machines George Kraft IV, gk4@us.ibm.com, 03/23/2000
Copyright (c) 1996-2001 , Marek Michalkiewicz
Copyright (c) 1999 , Ben Collins
Copyright (c) 1997-1997 Kazuyoshi Furutaka all rights reserved.
Copyright (c) 1997 , Luca Berra
Copyright (c) 1997 , Guy Maor <maor@ece.utexas.edu>
Copyright (c) 1996 Michael H. Jackson.
Copyright (c) 1996 HANATAKA Shinya all rights reserved.
Copyright (c) 1996 Brian R. Gaeke All rights reserved.
Copyright (c) 1996 , Rafal Maszkowski
Copyright (c) 1996 , Michael Meskes
Copyright (c) 1988-1994 , Julianne Frances Haugh
Copyright (c) 1993 and The Australian National University
Copyright (c) 1993 Michael Haardt (michael@moria.de)
Copyright (c) 1993 Michael Haardt
Copyright (c) 1993 , The Regents of the University of California
Copyright (c) 1992 , Phillip Street
Copyright (c) 1991-1994 , Chip Rosenthal
Copyright (c) 1989 Carnegie Mellon University.
Copyright (c) 1983, 1991 The Regents of the University of California. All rights reserved.

Copyright (C) Free Software Foundation, Inc. Yasuyuki Furukawa <furukawa@vinelinux.org>, 2000. revised by NAKANO Takeo <nakano@webmasters.gr.jp> since 2004-09-05
Copyright (C) Free Software Foundation, Inc.
Copyright (C) Daniel Nylander <po@danielnylander.se>, 2006.
Copyright (C) 1989-2017 Free Software Foundation, Inc.
Copyright (C) 2012 Free Software Foundation, Inc. Joe Hansen (joedalton2@yahoo.dk), 2012.
Copyright (C) 2011-2013 Debian French l10n team <debian-l10n-french@lists.debian.org>
Copyright (C) 2011, 2012 Debian French l10n team <debian-l10n-french@lists.debian.org>
Copyright (C) 2011 Free Software Foundation, Inc. Claus Hindsgaul <claus.hindsgaul@gmail.com>, 2004, 2005, 2006. Joe Hansen (joedalton2@yahoo.dk), 2011, 2012.
Copyright (C) 2009 Free Software Foundation, Inc. Baurzhan Muftakhidinov <baurthefirst@gmail.com>, 2009-2017.
Copyright (C) 2006, 2008, 2011 Free Software Foundation, Inc. Daniel Nylander <po@danielnylander.se>, 2006, 2008, 2011.
Copyright (C) 2006 Free Software Foundation, Inc. Simon Brandmair <sbrandmair@gmx.net>, 2005, 2006, 2007, 2011, 2012.
Copyright (C) 2005 Software in the Public Interest, Inc.
Copyright (C) 1995-2014 , 2016 Free Software Foundation, Inc.
Copyright (C) 2004-2007 Free Software Foundation, Inc. Tommi Vainikainen <Tommi.Vainikainen@iki.fi>, 2004-2007.
Copyright (C) 2004-2005, 2007- 2008-2011 -2015 Free Software Foundation, Inc. Written by Gary V. Vaughan, 2004
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004.
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc. Written by Scott James Remnant, 2004
Copyright (C) 2004, 2006 Free Software Foundation, Inc. Knut Yrvin <knuty@skolelinux.no>, 2004. Klaus Ade Johnstad <klaus.johnstad@holmlia.gs.oslo.no>, 2004. Klaus Ade Johnstad <klaus@skolelinux.no>, 2004. Håvard Korsvoll <korsvoll@skulelinux.no>, 2004. Bjørn Steensrud <bjornst@powertech>
Copyright (C) 2004, 2005, 2006, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc.
Copyright (C) 2004 Free Software Foundation, Inc. Håvard Korsvoll <korsvoll@skulelinux.no>, 2004.
Copyright (C) 2004 Free Software Foundation, Inc. Elian Myftiu <elian@lycos.com>, 2004.
Copyright (C) 2004 Free Software Foundation, Inc. Bart Cornelis <cobaco@linux.be>, 2004, 2006. Frans Spiesschaert <Frans.Spiesschaert@yucom.be>, 2014, 2017.
Copyright (C) 2004 Free Software Foundation, Inc. Giuseppe Sacco <epesuig@debian.org>, 2004. Danilo Piazzalunga <danilopiazza@gmail.com>, 2004-2006.
Copyright (C) 2004 Lior Kaplan <webmaster@guides.co.il>, 2004.
Copyright (C) 2001-2005, 2008-2016 Free Software Foundation, Inc.
Copyright (C) 2000-2002, 2007-2014, 2016 Free Software Foundation, Inc.
Copyright (C) 1999, 2004, 2005 Free Software Foundation, Inc. Jacobo Tarrio <jtarrio@debian.org>, 2006.
Copyright (C) 1999 Sami Kerola and Janne Riihijärvi
Copyright (C) 1999 Free Software Foundation, Inc. Frank Schmid <frank@cs-schmid.de>, 2002
Holger Wansing <linux@wansing-online.de>, 2006, 2008, 2009, 2011, 2012, 2014.
Copyright (C) 1999 Free Software Foundation, Inc. Arkadiusz Miskiewicz <misiek@misiek.eu.org>, 1999. Jakub Bogusz <qboosh@pld-linux.org>, 2003-2004. Tomasz Kloczko <kloczek@pld.org.pl>, 2004-2006
Copyright (C) 1996-2003, 2009-2016 Free Software Foundation, Inc.
Copyright (C) 1996-2003, 2005, 2008-2016 Free Software Foundation, Inc.
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc. Written by Gordon Matzigkeit, 1996

Copyright (C) 1996 Petri Mattila, Prihateam Networks petri@prihateam.fi
Copyright (C) 1996 Marek Michalkiewicz marekm@i17linuxb.ists.pwr.wroc.pl>.
Copyright (C) 1995-2003, 2005-2006, 2008-2014, 2016 Free Software Foundation, Inc.
Copyright (C) 1995-1997, 2000-2006 by Ulrich Drepper <drepper@gnu.ai.mit.edu>
Copyright (C) 1994 X Consortium
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.
Copyright (C) Sorin Batariuc <sorin@bonbon.net>, 2004, 2005, 2006.
Copyright (C) Shiva Pokharel <pokharelshiva@hotmail.com>, 2006.
Copyright (C) Asho S.Y. Yeg <asho@debian.org.tw>, 2004.
(c) 1994 by salvatore valente <svalente@athena.mit.edu>
(C) 1999 Ragnar Hojland Espinosa <ragnar@macula.net>

1.66.2 Acknowledgements

This product includes software developed by Brian R. Gaeke.

1.66.3 Licenses

1.66.3.1 *Artistic Style License - 1.0*

NOTE:

This license has been obsoleted by the change to the BSD-style copyright.
You may continue to use this license if you wish, but you are under no
obligation to do so.

(*
This document is freely plagiarised from the 'Artistic Licence',
distributed as part of the Perl v4.0 kit by Larry Wall, which is
available from most major archive sites. I stole it from CrackLib.

\$Id\$
*)

This documents purpose # is to state the conditions under which this
Package (See definition below) viz: "Shadow", the Shadow Password Suite
which is held by Julianne Frances Haugh, may be copied, such that the
copyright holder maintains some semblance of artistic control over the
development of the package, while giving the users of the package the
right to use and distribute the Package in a more-or-less customary
fashion, plus the right to make reasonable modifications.

So there.

Definitions:

A "Package" refers to the collection of files distributed by the
Copyright Holder, and derivatives of that collection of files created
through textual modification, or segments thereof.

"Standard Version" refers to such a Package if it has not been modified,
or has been modified in accordance with the wishes of the Copyright
Holder.

"Copyright Holder" is whoever is named in the copyright or copyrights
for the package.

"You" is you, if you're thinking about copying or distributing this
Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when AND WHY you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide separate documentation for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) accompany any non-standard executables with their corresponding Standard Version executables, giving the non-standard executables non-standard names, and clearly documenting the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. YOU MAY NOT CHARGE A FEE FOR THIS PACKAGE ITSELF. However, you may distribute this Package in aggregate with other (possibly commercial)

programs as part of a larger (possibly commercial) software distribution provided that YOU DO NOT ADVERTISE this package as a product of your own.

6. The # name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

7. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

1.66.3.2 *GPL-3.0+-with-bison-exception-variant*

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work

for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods,

procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However,

nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent

license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the

option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify

it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

Bison Exception

As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

1.66.3.3 Disclaimer

Redistribution and use in source and binary forms, with or without modification, are permitted.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.66.3.4 *Public Domain Notice:*

Written by Marek Michalkiewicz <marekm@il7linuxb.ists.pwr.wroc.pl>, it is in the public domain.

1.66.3.5 *Public Domain Notice:*

This code is in the public domain and has no copyright.

1.66.3.6 *Public Domain Notice:*

It may be used and distributed freely for any purposes. There is no warranty - use at your own risk. I am not liable for any damages etc. If you improve it, please send me your changes.

1.66.3.7 *Public Domain Notice:*

Public domain

1.66.3.8 *BSD-style*

Redistribution and use in source and binary forms are permitted provided that this entire copyright notice is duplicated in all such copies.

This software is provided "as is" and without any expressed or implied warranties, including, without limitation, the implied warranties of merchantability and fitness for any particular purpose.

1.66.3.9 *BSD-4-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by Brian R. Gaeke.
4. The name of the author, Brian R. Gaeke, may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY BRIAN R. GAEKE ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL BRIAN R. GAEKE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.66.3.10 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the copyright holders or contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.66.3.11 BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of International Business Machines, Inc., nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY INTERNATIONAL BUSINESS MACHINES, INC. AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTERNATIONAL BUSINESS MACHINES, INC. OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.66.3.12 GPL-2.0

GNU General Public License, version 2
 What to do if you see a possible GPL violation
 Translations of the GPL
 GPL Frequently Asked Questions
 The GNU General Public License (GPL) in plain text format
 The GNU General Public License (GPL) in Texinfo format
 The GNU General Public License (GPL) in LaTeX format
 The GNU General Public License (GPL) as an appendix in DocBook format
 Table of Contents

GNU GENERAL PUBLIC LICENSE
 Preamble
 TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
 How to Apply These Terms to Your New Programs
 GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work

based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source

code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if
any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample;
alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.

1.66.3.13 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

1.66.3.14 *GPL-2.0+*

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact

all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of
the General Public License. Of course, the commands you use may be called something
other than `show w' and `show c'; they could even be mouse-clicks or menu items--
whatever suits your program.
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may consider it
more useful to permit linking proprietary applications with the library. If this is
what you want to do, use the GNU Lesser General Public License instead of this
License.
```

1.67 shadow 4.8.1

1.67.1 Copyrights

Copyright © 2015 Free Software Foundation, Inc. Clytie Siddall <clytie@riverland.net.au>, 2005-2008. TráºSn Ngá»• c QuÃ¢n <vnwildman@gmail.com>, 2014, 2015, 2016.
 Copyright Scorpio, www.linuxforum.net, 2000
 Copyright 1996, Rafal Maszkowski, rzm@pdi.net
 Copyright 1996, Rafal Maszkowski <rzm@pdi.net>
 Copyright 1995 by Wietse Venema. All rights reserved. Individual files may be covered by other copyrights (as noted in the file itself.)
 Copyright 1992, Phillip Street and Julianne Frances Haugh All rights reserved.
 Copyright 1989-1994 , Julianne Frances Haugh All rights reserved.
 Copyright 1991, Julianne Frances Haugh Todos os direitos reservados.
 Copyright 1991, Julianne Frances Haugh Hungarian translation by Peter Mamuzsics <zumu@mentha.hu> All rights reserved.
 Copyright 1991, Julianne Frances Haugh All rights reserved. ä, -æ- ‡ ç% ç% æ-Šæ%€ æœ% soloman, Laser www.linuxforum.net 2000
 Copyright 1989-1991 \- 1994, Julianne Frances Haugh All rights reserved.
 Copyright 1991 \- 1993, Julianne Frances Haugh All rights reserved.
 Copyright 1991 - 1993, Julianne Frances Haugh and Chip Rosenthal All rights reserved.
 Copyright 1990, John F. Haugh II All rights reserved.
 Copyright 1990 - 1994 Julianne Frances Haugh All rights reserved. Modified for expiry by Ben Collins <bcollins@debian.org>, 1999
 Copyright 1990 - 1994 Julianne Frances Haugh All rights reserved.
 Copyright 1989 \- 1990, Julianne Frances Haugh All rights reserved.
 Copyright (c) 2018, Red Hat, inc. All rights reserved.
 Copyright (c) 2017, Chris Lamb All rights reserved.
 Copyright (c) 2013, Eric W. Biederman All rights reserved.
 Copyright (c) 2013 Eric W. Biederman All rights reserved.

Copyright (c) 2013 Eric Biederman All rights reserved.
 Copyright (c) 2012- Eric W. Biederman
 Copyright (c) 2012 Eric Biederman
 Copyright (c) 2012 - Eric Biederman
 Copyright (c) 2011 , Peter Vrabec <pvrabec@redhat.com> All rights reserved.
 Copyright (c) 2005-2013 , Nicolas Fran  ois All rights reserved.
 Copyright (c) 2011 , Julian Pidancet
 Copyright (c) 2011 , Jonathan Nieder All rights reserved.
 Copyright (c) 2010, Pawel Hajdan All rights reserved.
 Copyright (c) 2010 - , Nicolas Fran  ois All rights reserved.
 Copyright (c) 2010 , Jakub Hrozek <jhrozek@redhat.com>
 Copyright (c) 2007-2011 , Nicolas Fran  ois
 Copyright (c) 2000-2007 , Tomasz K  , oczko
 Copyright (c) 2006 , Jonas Meurer
 Copyright (c) 2005 - 2006, Yuri Kozlov
 Copyright (c) 2001-2006 , Tomasz K  , oczko All rights reserved.
 Copyright (c) 2005 , Red Hat, Inc.
 Copyright (c) 2001-2005 , Micha  , Moskal
 Copyright (c) 2004 The FreeBSD Project. All rights reserved.
 Copyright (c) 2002 NAKANO Takeo all rights reserved.
 Copyright (c) 2001 Yuichi SATO all rights reserved.
 Copyright (c) 2001 Rafal Wojtczuk, Solar Designer All rights reserved.
 Copyright (c) 2001 Maki KURODA all right reserved,
 Copyright (c) 2001 Maki KURODA all right reserved
 Copyright (c) 2000 ISHIKAWA Keisuke all rights reserved.
 Copyright (c) 2000 , International Business Machines George Kraft IV, gk4@us.ibm.com, 03/23/2000
 Copyright (c) 1996-2001 , Marek Micha  , kiewicz
 Copyright (c) 1999 , Ben Collins
 Copyright (c) 1997-1997 Kazuyoshi Furutaka all rights reserved.
 Copyright (c) 1997 , Luca Berra
 Copyright (c) 1997 , Guy Maor <maor@ece.utexas.edu>
 Copyright (c) 1996 HANATAKA Shinya all rights reserved
 Copyright (c) 1996 , Rafal Maszkowski
 Copyright (c) 1996 , Michael Meskes
 Copyright (c) 1988-1994 , Julianne Frances Haugh
 Copyright (c) 1993 Michael Haardt (michael@morla.de)
 Copyright (c) 1993 Michael Haardt
 Copyright (c) 1993 , The Regents of the University of California
 Copyright (c) 1992 , Phillip Street
 Copyright (c) 1991-1994 , Chip Rosenthal
 Copyright (c) 1983, 1991 The Regents of the University of California. All rights reserved.
 Copyright (C) 2011-2013 Debian French I10n team <debian-I10n-french@lists.debian.org>
 Copyright (C) 2011, 2012 Debian French I10n team <debian-I10n-french@lists.debian.org>
 Copyright (C) 2006 Free Software Foundation, Inc. Simon Brandmair <sbrandmair@gmx.net>, 2005, 2006, 2007, 2011, 2012.
 Copyright (C) 2004-2007 Free Software Foundation, Inc. Tommi Vainikainen <Tommi.Vainikainen@iki.fi>, 2004-2007.
 Copyright (C) 2004, 2006 Free Software Foundation, Inc. Knut Yrvin <knuty@skolelinux.no>, 2004. Klaus Ade Johnstad <klaus.johnstad@holmlia.gs.oslo.no>, 2004. Klaus Ade Johnstad <klaus@skolelinux.no>, 2004. H         Korsvoll <korsvoll@skulelinux.no>, 2004. Bj    rn Steensrud <bjornst@powertech
 Copyright (C) 2004, 2005, 2006, 2008, 2009 Free Software Foundation, Inc.
 Copyright (C) 2004, 2005, 2006, 2007, 2008, 2009 Free Software Foundation, Inc.

Copyright (C) 2004 Free Software Foundation, Inc. Håvard Korsvoll <korsvoll@skulelinux.no>, 2004.

Copyright (C) 2004 Free Software Foundation, Inc. Elian Myftiu <elian@lycos.com>, 2004.

Copyright (C) 2004 Free Software Foundation, Inc. Bart Cornelis <cobaco@linux.be>, 2004, 2006. Frans Spiesschaert <Frans.Spiesschaert@yucom.be>, 2014-2019.

Copyright (C) 1999, 2004, 2005 Free Software Foundation, Inc. Jacobo Tarrio <jtarrio@debian.org>, 2006.

Copyright (C) 1999 Sami Kerola and Janne Riihijärvi

Copyright (C) 1999 Free Software Foundation, Inc. Frank Schmid <frank@cs-schmid.de>, 2002 Holger Wansing <linux@wansing-online.de>, 2006, 2008, 2009, 2011, 2012, 2014. Patches, suggestions, etc welcome.

Copyright (C) 1999 Free Software Foundation, Inc. Arkadiusz Miśkiewicz <misiek@misiek.eu.org>, 1999. Jakub Bogusz <qboosh@pld-linux.org>, 2003-2004. Tomasz Kądziołka <kloczek@pld.org.pl>, 2004-2006

Copyright (C) 1992-2004 Free Software Foundation, Inc.

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

Copyright (C) 1984, 1989-1990, 2000-2015, 2018-2019 Free Software Foundation, Inc.

1.67.2 Licenses

1.67.2.1 *BSD-3-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.67.2.2 *Public-domain*

Public domain software is software that is not copyrighted. If the source code is in the public domain, that is a special case of noncopyrighted free software, which means that some copies or modified versions may not be free at all.

In some cases, an executable program can be in the public domain but the source code is not available. This is not free software, because free software requires accessibility of source code. Meanwhile, most free software is not in the public domain; it is copyrighted, and the copyright holders have legally given permission for everyone to use it in freedom, using a free software license.

Sometimes people use the term "public domain" in a loose fashion to mean "free" or "available gratis." However, "public domain" is a legal term and means, precisely, "not copyrighted". For clarity, we recommend using "public domain" for that meaning only, and using other terms to convey the other meanings.

Under the Berne Convention, which most countries have signed, anything written down is automatically copyrighted. This includes programs. Therefore, if you want a program you have written to be in the public domain, you must take some legal steps to disclaim the copyright on it; otherwise, the program is copyrighted.

1.67.2.3 *GPL-3.0+-with-bison-exception*

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems

arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that

is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey

the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<https://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain
conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<https://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<https://www.gnu.org/licenses/why-not-lgpl.html>>.

Bison Exception

As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

1.67.2.4 GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the

same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not

specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details

type ``show w'`. This is free software, and you are welcome to redistribute it under certain conditions; type ``show c'` for details.

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program ``Gnomovision'` (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.67.2.5 GPL-2.0

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive

but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not

impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.67.2.6 *BSD-style*

According to BSD license, add some modifications

1.67.2.7 *BSD-4-Clause-UC*

BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ''AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.67.2.8 *BSD-4-Clause*

Copyright (c) {{year}}, {{copyright holder}}
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by {{the organization}}.
4. Neither the name of {{the organization}} nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{COPYRIGHT HOLDER}} ''AS IS'' AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL {{COPYRIGHT HOLDER}} BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.67.2.9 *BSD-2-Clause*

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.67.2.10 *BSD-1-Clause*

Copyright (c) <year> <owner> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

THIS SOFTWARE IS PROVIDED BY Berkeley Software Design, Inc. "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL Berkeley Software Design, Inc. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.68 SQLite 3.38.5

1.68.1 Copyrights

Copyright (c) 2003-2008 Patrick Thoyts
Copyright (c) 2001-2003 David Gravereaux

1.68.2 Licenses

1.68.2.1 *Public-domain*

The author disclaims copyright to this source code. In place of a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive others.
May you share freely, never taking more than you give.

1.69 tcpdump 4.9.3

1.69.1 Copyrights

copyright (c) 1999 William C. Fenner.

Copyright: (c) 2000 United States Government as represented by the Secretary of the Navy. All rights reserved.

Copyright 2009 Bert Vermeulen <bert@biot.com>

Copyright 1988-1989 by Carnegie Mellon.

Copyright (c) 2016 Antonin Décimo, Jean-Raphaël Gaglione

Copyright (c) 2015, bugyo All rights reserved.

Copyright (c) 2013-2015 The TCPDUMP project All rights reserved.

Copyright (c) 2015 Ritesh Ranjan (r.ranjan789@gmail.com) All rights reserved.

Copyright (c) 2014 VMware, Inc. All Rights Reserved.

Copyright (c) 2013, The TCPDUMP project All rights reserved.

Copyright (c) 2013, Petar Alilovic, Faculty of Electrical Engineering and Computing, University of Zagreb All rights reserved

Copyright (c) 2013 Romain Francoise <romain@orebokech.com>

Copyright (c) 2011 Advanced Computing Technologies George V. Neille-Neil

Copyright (c) 2009 Siemens AG, All rights reserved. Dmitry Eremin-Solenikov (dbaryshkov@gmail.com)

Copyright (c) 2009 Mojatatu Networks, Inc

Copyright (c) 2009 Florian Forster

Copyright (c) 2007-2011 Grégoire Henry, Juliusz Chroboczek

Copyright (c) 2007 paolo.abeni@email.it All rights reserved.

Copyright (c) 2007 - Andrey "nording" Chernyak <andrew@nording.ru>

Copyright (c) 2004 by Internet Systems Consortium, Inc. ("ISC")

Copyright (c) 2004 - Michael Richardson <mcr@xelerance.com>

Copyright (c) 2003, 2004 David Young. All rights reserved.

Copyright (c) 2003 Bruce M. Simpson <bms@spc.org> All rights reserved.

Copyright (c) 2002 Todd C. Miller <Todd.Miller@courtesan.com>

Copyright (c) 2002 Jason L. Wright (jason@thought.net) All rights reserved.

Copyright (c) 2002 Guy Harris. All rights reserved.

Copyright (c) 2002 - 2003 NetGroup, Politecnico di Torino (Italy) All rights reserved.

Copyright (c) 2001, Angelos D. Keromytis.

Copyright (c) 2000-2001 William C. Fenner. All rights reserved.

Copyright (c) 2001 Seth Webster <swebster@sst.ll.mit.edu>

Copyright (c) 2001 Protocol Engineering Lab, University of Delaware

Copyright (c) 2001 Nickolai Zeldovich <kolya@MIT.EDU> All rights reserved.

Copyright (c) 2001 NETLAB, Temple University

Copyright (c) 2001 Fortress Technologies, Inc. All rights reserved. Charlie Lenahan (clenahan@fortresstech.com)

Copyright (c) 2001 Compaq Computer Corporation. All rights reserved.

Copyright (c) 2000 Lennert Buytenhek

Copyright (c) 2000 Ben Smithurst <ben@scientia.demon.co.uk> All rights reserved.

Copyright (c) 1999-2004 The tcpdump.org project
Copyright (c) 1998-2012 Michael Richardson <mcr@tcpdump.org> The TCPDUMP project
Copyright (c) 1998-2013 The TCPDUMP project
Copyright (c) 1998-2004 Hannes Gredler <hannes@gredler.at> The TCPDUMP project
Copyright (c) 1998, Larry Lile All rights reserved.
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com> All rights reserved.
Copyright (c) 1998 Michael Shalayeff All rights reserved.
Copyright (c) 1997-2000 The NetBSD Foundation, Inc. All rights reserved.
Copyright (c) 1997 Yen Yen Lim and North Dakota State University All rights reserved.
Copyright (c) 1988-2002 The Regents of the University of California. All rights reserved.
Copyright (c) 1996,1999 by Internet Software Consortium.
Copyright (c) 1995-1999 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden). All rights reserved.
Copyright (c) 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1994, Simon J. Gerraty.
Copyright (c) 1994, 1995, 1996, 1997 dnl The Regents of the University of California. All rights reserved.
Copyright (c) 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
Copyright (c) 1993, 1994-1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1993, 1994, 1995, 1996, 1997, 1998 The Regents of the University of California. All rights reserved.
Copyright (c) 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
Copyright (c) 1993, 1994 Jeffrey C. Mogul, Digital Equipment Corporation, Western Research Laboratory. All rights reserved.
Copyright (c) 1993 by Digital Equipment Corporation.
Copyright (c) 1991-1992 , 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1990-1992 , 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
Copyright (c) 1990-1991 , 1992, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1991, 1992, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
Copyright (c) 1990, 1996 John Robert LoVerso. All rights reserved.
Copyright (c) 1990, 1991, 1993, 1994, 1995, 1996, 1997 This software was produced under a U.S. Government contract W-7405-ENG-36) by Los Alamos National Laboratory, which is operated by the University of California for the U.S. Department of Energy. The U.S. Government is licensed to u
Copyright (c) 1990, 1991, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1990, 1991, 1993, 1994, 1995, 1996, 1997 John Robert LoVerso. All rights reserved.
Copyright (c) 1990, 1991, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
Copyright (c) 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.
Copyright (c) 1989, 1990, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.
Copyright (c) 1989, 1990, 1992, 1993 Regents of the University of California. All rights reserved.

Copyright (c) 1989, 1990, 1991, 1993, 1994, 1996 The Regents of the University of California. All rights reserved.

Copyright (c) 1989, 1990, 1991, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.

Copyright (c) 1989, 1990, 1991, 1993, 1994 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1992, 1993 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1993, 1994 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 2000 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 2000 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996 The Regents of the University of California. All rights reserved.

Copyright (c) 1988, 1989, 1990, 1991, 1992, 1993, 1994 The Regents of the University of California. All rights reserved.

Copyright (c) 1987 Regents of the University of California. All rights reserved.

Copyright (c) 1986-2008 by Cisco Systems, Inc.

Copyright (c) 1983, 1989, 1993 The Regents of the University of California. All rights reserved.

Copyright (c) 1982, 1986, 1993 The Regents of the University of California. All rights reserved.

Copyright (c) 1982, 1986, 1990, 1993 The Regents of the University of California. All rights reserved.

Copyright (C) Yoshifumi Nishida 2005

Copyright (C) Ian McDonald 2005

Copyright (C) Arnaldo Carvalho de Melo 2004

Copyright (C) Andrew Tridgell 1995-1999

Copyright (C) 1998-2002 WIDE Project. All rights reserved.

Copyright (C) 2001 Julian Cowley All rights reserved.

Copyright (C) 2000, Richard Sharpe

Copyright (C) 2000 Alfredo Andres Omella. All rights reserved.

Copyright (C) 1999 Cisco And Motorola

Copyright (C) 1998 and 1999 WIDE Project. All rights reserved.

Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project. All rights reserved.

Copyright (C) 1995, 1996, 1997, 1998 by John Ioannidis, Angelos D. Keromytis and Niels Provos.

Copyright (C) 1995, 1996, 1997 and 1998 WIDE Project. All rights reserved.

Copyright (C) 1984, Sun Microsystems, Inc.

(c) 1998 The NetBSD Foundation, Inc. All rights reserved.

1.69.2 Acknowledgements

To the extent files may be licensed under BSD-3-Clause or GPL-2.0 license, in this context BSD-3-Clause has been chosen. This shall not restrict the freedom of other users to choose either GPL-2.0 or BSD-3-Clause license.

1.69.3 Licenses

1.69.3.1 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.69.3.2 *Sun RPC Permission Notice_with no-liability disclaimer*

Sun RPC is a product of Sun Microsystems, Inc. and is provided for unrestricted use provided that this legend is included on all tape media and as a part of the software program in whole or part. Users may copy or modify Sun RPC without charge, but are not authorized to license or distribute it to anyone else except as part of a product or program developed by the user.

SUN RPC IS PROVIDED AS IS WITH NO WARRANTIES OF ANY KIND INCLUDING THE WARRANTIES OF DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, OR ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE.

Sun RPC is provided with no support and without any obligation on the part of Sun Microsystems, Inc. to assist in its use, correction, modification or enhancement.

SUN MICROSYSTEMS, INC. SHALL HAVE NO LIABILITY WITH RESPECT TO THE INFRINGEMENT OF COPYRIGHTS, TRADE SECRETS OR ANY PATENTS BY SUN RPC OR ANY PART THEREOF.

In no event will Sun Microsystems, Inc. be liable for any lost revenue or profits or other special, indirect and consequential damages, even if Sun has been advised of the possibility of such damages.

1.69.3.3 *Permission Notice*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that: (1) source code distributions retain the above copyright notice and this paragraph in its entirety, and (2) distributions including binary code include the above copyright notice and this paragraph in its entirety in the documentation or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.69.3.4 Permission Notice

Redistribution and use in source and binary forms are permitted provided that this notice is preserved and that due credit is given to the University of California at Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific written prior permission. This software is provided ``as is'' without express or implied warranty.

1.69.3.5 Permission Notice

Permission to use, copy, modify, and distribute this program for any purpose and without fee is hereby granted, provided that this copyright and permission notice appear on all copies and supporting documentation, the name of Carnegie Mellon not be used in advertising or publicity pertaining to distribution of the program without specific prior permission, and notice be given in supporting documentation that copying and distribution is by permission of Carnegie Mellon and Stanford University. Carnegie Mellon makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.69.3.6 Permission Notice

Permission to use, copy, modify and distribute this software and its documentation is hereby granted, provided that both the copyright notice and this permission notice appear in all copies of the software, derivative works or modified versions, and any portions thereof, that both notices appear in supporting documentation, and that the use of this software is acknowledged in any publications resulting from using the software.

TUT ALLOWS FREE USE OF THIS SOFTWARE IN ITS "AS IS" CONDITION AND DISCLAIMS ANY LIABILITY OF ANY KIND FOR ANY DAMAGES WHATSOEVER RESULTING FROM THE USE OF THIS SOFTWARE.

1.69.3.7 ISC

Permission to use, copy, modify, and /or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.69.3.8 ISC

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.69.3.9 Dual license - BSD-3-Clause or GPL-2.0+

This software may be distributed either under the terms of the BSD-style license that accompanies tcpdump or the GNU GPL version 2 or later

1.69.3.10 BSD-4-Clause-UC

BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS 'AS IS' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.69.3.11 BSD-4-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by {{the organization}}.
4. Neither the name of {{the organization}} nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{COPYRIGHT HOLDER}} 'AS IS' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL {{COPYRIGHT HOLDER}} BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.69.3.12 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.69.3.13 *BSD-0-UC*

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.70 util-linux 2.35.1

1.70.1 Copyrights

Â© 1994-2002 Kevin E. Martin
copyright 2014-2020 Karel Zak <kzak@redhat.com>
copyright 2009-2020 Karel Zak <kzak@redhat.com>
Copyright Â© Michael Piefel <piefel@informatik.hu-berlin.de>, 2002, 2004, 2005, 2007, 2008.
Copyright Â© Karel Zak <kzak@redhat.com> 2014
Copyright Â© 2015 Free Software Foundation, Inc.
Copyright Â© 2014 Karel Zak <kzak@redhat.com>
Copyright Â© 2014 Karel Zak <kzak@redhat.com>
Copyright Â© 2014 Benjamin Weis <benjamin.weis@gmx.com>
Copyright Â© 2012 Arun Persaud <arun@nubati.net>
Copyright Â© 2011,2015,2016 Philipp Thomas <pth@suse.de>
Copyright Â© 2004 Nilgün Belma Buganer.
Copyright Â© 2002-2018 Lauri Nurmi <lanurmi@iki.fi> Lauri Nurmi <lanurmi@iki.fi>, 2002-2018.
Tommi Nieminen <translator@legisign.org>, 2017.
Copyright Â© 2002, 2003, 2004, 2005 Free Software Foundation, Inc. Antoni Bella Perez <bella5@teleline.es>, 2002, 2003. Jordi Mallach <jordi@gnu.org>, 2004, 2005. Josep Puigdemont <josep.puigdemont@gmail.com>, 2005

Copyright © 2001, 2002, 2003, 2004, 2007, 2016, 2017, 2018, 2019 Free Software Foundation, Inc. Christian Rose <menthos@menthos.com>, 2001, 2002, 2003, 2004. Daniel Nylander <po@danielnylander.se>, 2007. Sebastian Rasmussen <sebras@gmail.com>, 2016, 2017, 2018, 2019.

Copyright © 2001, 2002 Karl Eichwalder.

Copyright © 2000-2001 Gunnar Ritter.

Copyright © 2000-2001 Gunnar Ritter.

Copyright © 1999, 2000, 2001, 2014 Elrond <Elrond@Wunder-Nett.org>

Copyright © 1996-2006, 2008-2020 Free Software Foundation, Inc.

Copyright © 1996-2006, 2008-2018 Free Software Foundation, Inc.

Copyright © 1994-2002 Kevin E. Martin

Copyright © 1994-1999 Kevin E. Martin

Copyright © 1994-2002 Kevin E. Martin

Copyright Red Hat Software, 1999, 2000

Copyright IBM Corp. 2011 Author(s): Heiko Carstens <heiko.carstens@de.ibm.com>

Copyright IBM Corp. 2011

Copyright 2017 Sami Kerola <kerolasa@iki.fi>

Copyright 2007-2017 Red Hat, Inc.

Copyright 2015 Ondrej Oprala (oprala@redhat.com)

Copyright 2007-2015 Karel Zak <kzak@redhat.com>

Copyright 2014 Ondrej Oprala (ondrej.oprala@gmail.com)

Copyright 2014 Ondrej Oprala <oprala@redhat.com>

Copyright 2012 Vivek Goyal <vgoyal@redhat.com>

Copyright 2010-2012 Davidlohr Bueso <dave@gnu.org>

Copyright 2010 Lennart Poettering

Copyright 2010 Jason Borden <jborden@bluehost.com>

Copyright 2009 by Karel Zak. All Rights Reserved.

Copyright 2009 Tim Gardner <tim.gardner@canonical.com>

Copyright 2009 Marcel Holtmann <marcel@holtmann.org>

Copyright 2009 Johannes Berg <johannes@sipsolutions.net>

Copyright 2008 Tilman Schmidt (tilman@imap.cc)

Copyright 2008 Hayden A. James (hayden.james@gmail.com)

Copyright 2007 by Theodore Ts'o. All Rights Reserved.

Copyright 2004 Robert M. Love.

Copyright 2003-2006 H. Peter Anvin - All Rights Reserved

Copyright 2002-2009 Red Hat, Inc. All rights reserved.

Copyright 2002 Andre C. Mazzone (linuxdev@karagee.com)

Copyright 2001 Gunnar Ritter

Copyright 2000-2001 Andreas Dilger (adilger@turbolinux.com)

Copyright 2000 Colin Watson cju44@cam.ac.uk

Copyright 1998-1999 Andries E. Brouwer (aeb@cwi.nl)

Copyright 1999 Andreas Dilger (adilger@enel.ucalgary.ca)

Copyright 1994 Salvatore Valente (svalente@mit.edu)

Copyright 1994 Kevin E. Martin (martin@cs.unc.edu)

Copyright 1993, 1994, 1995 by Theodore Ts'o. All Rights Reserved.

Copyright 1992-1993 Rickard E. Faith (faith@cs.unc.edu)

Copyright 1992, 1993, 1994 Rickard E. Faith (faith@cs.unc.edu)

Copyright 1990 Gordon Irlam (gordoni@cs.ua.oz.au)

Copyright (c) 2017 Sami Kerola

Copyright (c) 2012-2016 Werner Fink <werner@suse.de>

Copyright (c) 2016 SUSE Linux GmbH, All rights reserved.

Copyright (c) 2014 Timofey Titovets <Nefelim4ag@gmail.com>

Copyright (c) 2011 SuSE LINUX Products GmbH, All rights reserved.

Copyright (c) 2010 Rosetta Contributors and Canonical Ltd

Copyright (c) 2008 Roy Peled, the.roy.peled -at- gmail.com

Copyright (c) 2008 Roy Peled, the.roy.peled -at- gmail
Copyright (c) 2007, SUSE LINUX Products GmbH Bernhard Walle <bwall@seuse.de>
Copyright (c) 2004-2006 by Juliane Holzt
Copyright (c) 2003-2005 Silicon Graphics, Inc.
Copyright (c) 2000-2001 Gunnar Ritter. Alle Rechte vorbehalten.
Copyright (c) 2000-2001 Gunnar Ritter. All rights reserved.
Copyright (c) 2000-2001 Gunnar Ritter.
Copyright (c) 1997-2014 Frodo Looijaard <frodo@frodo.looijaard.name>
Copyright (c) 1996-2004 Andries Brouwer
Copyright (c) 1992 Rik Faith (faith@cs.unc.edu)
Copyright (c) 1980-1993 The Regents of the University of California. All rights reserved.
, 1987-1994 The Regents of the University of California. All rights reserved.
Copyright (c) 1988, 1993, 1994, 2017 The Regents of the University of California. All rights reserved.
Copyright (c) 1988, 1990 The Regents of the University of California.
Copyright (c) 1988 Mark Nudleman All rights reserved.
Copyright (c) 1987, 1990, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1980-1991 Regents of the University of California. All rights reserved.
Copyright (C) Michal Luscon <mluscon@redhat.com>
Copyright (C) Andries Brouwer
Copyright (C) 2006-2020 Karel Zak <kzak@redhat.com>
Copyright (C) 1989-2020 Free Software Foundation, Inc.
Copyright (C) 2019 Microsoft Corporation
Copyright (C) 2019 Karel Zak <kzak@redhat.com> Pedro Albuquerque <pmra@protonmail.com>, 2019, 2020.
Copyright (C) 2018 by Kenneth Van Alstyne <kvanals@kvanals.org>
Copyright (C) 2018 Vaclav Dolezal <vdolezal@redhat.com>
Copyright (C) 2018 Tony Asleson <tasleson@redhat.com>
Copyright (C) 2018 Riku Voipio <riku.voipio@iki.fi>
Copyright (C) 2018 Red Hat, Inc. All rights reserved. Written by Jakub Jelinek <jakub@redhat.com>
Copyright (C) 2018 Milan Broz <gmazyland@gmail.com>
Copyright (C) 2018 Harry Mallon <hjmallon@gmail.com>
Copyright (C) 2017 Red Hat, Inc. All rights reserved. Written by Masatake YAMATO <yamato@redhat.com>
Copyright (C) 2017 RafaÅ, MiÅ, ecki <rafal@milecki.pl>
Copyright (C) 2017 Philip Prindeville
Copyright (C) 2017 Niklas HambÅ¼chen <mail@nh2.me>
Copyright (C) 2017 Hewlett Packard Enterprise Development LP
Copyright (C) 2016 Stanislav Brabec <sbrabec@suse.cz>
Copyright (C) 2012-2016 Sami Kerola <kerolasa@iki.fi>
Copyright (C) 2016 Micron Technology, Inc.
Copyright (C) 2016 Igor Gnatenko <i.gnatenko.brain@gmail.com>
Copyright (C) 2016 David Sterba <dsterba@suse.cz>
Copyright (C) 2015,2016 Seagate Technology PLC Written by Shaun Tancheff <shaun.tancheff@seagate.com>
Copyright (C) 2011-2015 by Philipp Marek <philipp.marek@linbit.com>
Copyright (C) 2012-2015 Ondrej Oprala <oprala@redhat.com>
Copyright (C) 2015 Karel Zak <oprala@redhat.com>
Copyright (C) 2014-2017 Pali RohÅr <pali.rohar@gmail.com>
Copyright (C) 2014 Ondrej Oprala <oprala@redhat.com>
Copyright (C) 2013, Red Hat, Inc. All rights reserved.
Copyright (C) 2013 Rolf Fokkens <rolf@fokkens.nl>
Copyright (C) 2013 Ondrej Oprala <oprala@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2013 Karel Zak <kzak@redhat.com> 2013 Sami Kerola <kerolasa@iki.fi>

Copyright (C) 2013 Eric Sandeen <sandeen@redhat.com>
Copyright (C) 2013 Alejandro Martinez Ruiz <alex@nowcomputing.com>
Copyright (C) 2012-2013 Eric Biederman <ebiederm@xmission.com>
Copyright (C) 2012 Werner Fink <werner@suse.de>
Copyright (C) 2012 SUSE Linux Products GmbH, Nuernberg
Copyright (C) 2012 Red Hat, Inc. All rights reserved. Written by Lukas Czermer
<lczerner@redhat.com>
Copyright (C) 2012 Milan Broz <mbroz@redhat.com>
Copyright (C) 2012 Lennart Poettering
Copyright (C) 2012 Davidlohr Bueso <dave@gnu.org> 2013 Karel Zak <kzak@redhat.com>
Copyright (C) 2010-2012 Davidlohr Bueso <dave@gnu.org>
Copyright (C) 2012 Andy Lutomirski <luto@amacapital.net>
Copyright (C) 2011-2017 Karel Zak <kzak@redhat.com>
Copyright (C) 2010-2018 Red Hat, Inc. All rights reserved. Written by Milan Broz
<mbroz@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2009-2015 Red Hat, Inc. All rights reserved. Written by Karel Zak
<kzak@redhat.com>
Copyright (C) 2010 by Jiro SEKIBA <jir@unicus.jp>
Copyright (C) 2010 Red Hat, Inc. All rights reserved. Written by Lukas Czermer
<lczerner@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2010 Michael Krapp
Copyright (C) 2010 Jeroen Oortwijn <oortwijn@gmail.com>
Copyright (C) 2010 Jason Borden <jborden@bluehost.com>
Copyright (C) 2010 Hajime Taira <htaira@redhat.com> Masatake Yamato
<yamato@redhat.com>
Copyright (C) 2010 Andrew Nayenko <resver@gmail.com>
Copyright (C) 2009-2010 by Andreas Dilger <adilger@sun.com>
Copyright (C) 2009 by Bastian Friedrich <bastian.friedrich@collax.com>
Copyright (C) 2009 Mikhail Gusarov <dottedmag@dottedmag.net>
Copyright (C) 2009 Mike Hommey <mh@glandium.org>
Copyright (C) 2009 Corentin Chary <corentincj@iksaif.net>
Copyright (C) 2008-2019 , Karel Zak <kzak@redhat.com>
Copyright (C) 2008-2016, util-linux's authors.
Copyright (C) 2008-2009 Red Hat, Inc. All rights reserved. Written by Eric Sandeen
<sandeen@redhat.com> Karel Zak <kzak@redhat.com>
Copyright (C) 2008, James Youngman <jay@gnu.org>
Copyright (C) 2008 Hayden A. James (hayden.james@gmail.com)
Copyright (C) 2008 Cai Qian <qcai@redhat.com>
Copyright (C) 2007-2013 Karel Zak <kzak@redhat.com> 2012 Davidlohr Bueso
<dave@gnu.org>
Copyright (C) 1993-2007 Theodore Ts'o.
Copyright (C) 2007 Matthias Koenig <mkoenig@suse.de>
Copyright (C) 2006-2010 - Karel Zak <kzak@redhat.com>
Copyright (C) 2006 Hewlett-Packard Development Company, L.P. Huschaam Hussain
<Huschaam.Hussain@hp.com>
Copyright (C) 2005 Jens Axboe <jens@axboe.dk>
Copyright (C) 2005 Adrian Bunk <bunk@stusta.de>
Copyright (C) 2004-2008 Kay Sievers <kay.sievers@vrfy.org>
Copyright (C) 2004 Robert Love
Copyright (C) 2003-2017 Red Hat, Inc.
Copyright (C) 2003, 2004, 2005 Thorsten Kukuk Author: Thorsten Kukuk <kukuk@suse.de>
Copyright (C) 2003 Free Software Foundation Inc.
Copyright (C) 2002, 2007, 2008, 2010 Free Software Foundation, Inc.
Copyright (C) 2002 Meelis Roos <mroos@linux.ee> Meelis Roos <mroos@linux.ee> 2002
Copyright (C) 2001, 2003 Theodore Y. Ts'o

Copyright (C) 2001, 2002, 2003 Santiago Vila Doncel <sanvila@unex.es>.
 Copyright (C) 2001 by Andreas Dilger
 Copyright (C) 2001 Andreas Dilger
 Copyright (C) 2000-2003, 2006, 2008-2017 Free Software Foundation, Inc.
 Copyright (C) 2000-2002 Transmeta Corporation 2005 Adrian Bunk
 Copyright (C) 2000-2001 Gunnar Ritter. Alle rechten voorbehouden.
 Copyright (C) 2000-2001 Gunnar Ritter.
 Copyright (C) 2000, 2005, 2006, 2008 Free Software Foundation, Inc.
 Copyright (C) 2000, 2001, 2003 Theodore Ts'o
 Copyright (C) 2000 Werner Almesberger
 Copyright (C) 2000 Beth Powell <bpowell@turbolinux.com>.
 Copyright (C) 1999-2008 by Theodore Ts'o
 Copyright (C) 1999-2002 Transmeta Corporation
 Copyright (C) 1999-2000, 2002-2017 Free Software Foundation, Inc.
 Copyright (C) 1999, Andreas Dilger and Theodore Ts'o
 Copyright (C) 1999-2001 by Andries Brouwer
 Copyright (C) 1999, 2000, 2003 by Theodore Ts'o
 Copyright (C) 1999, 2000, 2001, 2002, 2003 Theodore Ts'o
 Copyright (C) 1999, 2000, 2001 Elrond <Elrond@Wunder-Nett.org>.
 Copyright (C) 1999 Jakub Jelinek <jj@ultra.linux.cz>
 Copyright (C) 1991-2006 Miquel van Smoorenburg.
 Copyright (C) 1998 Danek Duvall <duvall@alumni.princeton.edu>
 Copyright (C) 1998 Andrea Arcangeli <andrea@e-mind.com>
 Copyright (C) 1997 The Open Group
 Copyright (C) 1996, 1997, 1998, 1999 Theodore Ts'o.
 Copyright (C) 1996, 1997, 1998 Theodore Ts'o.
 Copyright (C) 1995,1996,1997,1998,1999,2000,2008 Theodore Ts'o.
 Copyright (C) 1995 Andries E. Brouwer (aeb@cw.nl)
 Copyright (C) 1994-2005 Jeff Tranter (tranter@pobox.com)
 Copyright (C) 1994-2002 Kevin E. Martin
 Copyright (C) 1994-2000 Kevin E. Martin & aeb
 Copyright (C) 1994,1996 Alessandro Rubini (rubini@ipvvis.unipv.it)
 Copyright (C) 1994, 1995, 1996, 1997 Theodore Ts'o.
 Copyright (C) 1994 Kevin E. Martin (martin@cs.unc.edu)
 Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005
 by Theodore Ts'o.
 Copyright (C) 1993 Theodore Ts'o <tytso@athena.mit.edu>
 Copyright (C) 1992-1997 Michael K. Johnson, johnsonm@redhat.com
 Copyright (C) 1992-1997 Michael K. Johnson <johnsonm@redhat.com>
 Copyright (C) 1992 A. V. Le Blanc (LeBlanc@mcc.ac.uk)
 Copyright (C) 1991-2000 Miquel van Smoorenburg <miquels@cistron.nl>
 Copyright (C) 1991 Linus Torvalds
 Copyright (C) 1990 Gordon Irlam (gordoni@cs.ua.oz.au). Conditions of use,
 Copyright (C) 1984, 1989-1990, 2000-2015, 2018-2019 Free Software Foundation, Inc.
 Copyright (C) 1980 The Regents of the University of California. All rights reserved.
 Copyright (C) 1980 Regents of the University of California.
 Copyright (C) Karel Zak <kzak@redhat.com>
 Copyright 2008-2019 Karel Zak
 Copyright 2003-2006 H. Peter Anvin.
 Copyright 2008 James Youngman br
 COPYRIGHT (C) 1986 Gary S. Brown.
 (c) UNIX System Laboratories, Inc.
 (c) 2012 by Cody Maloney <cmaloney@theoreticalchaos.com>
 (c) 2000-2001 Gunnar Ritter.
 (c) 1994 by salvatore valente <svalente@athena.mit.edu>

(c) 1994 Salvatore Valente <svalente@mit.edu>
(c) 1994 Martin Schulze <joe@infodrom.north.de>
(c) 1980, 1989, 1991 The Regents of the University of California
(C) 2017 Sami Kerola
(C) 2014 Karel Zak <kzak@redhat.com>
(C) 1994-1999 Kevin E. Martin
(C) 1993 E.YOUNGDALE (C) 1997-2006 J.PEARSON/J.SCHILLING
(C) 1991-1992 Linus Torvalds.

1.70.2 Acknowledgements

The software was developed
by the University of California, Berkeley.

The software was developed by the University of California, Berkeley.

This product includes software developed by the University of
California, Berkeley and its contributors.

"derived from the RSA Data Security, Inc. MD5/MD4 Message-Digest Algorithm"

1.70.3 Licenses

1.70.3.1 **GPL-2.0+**

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you

distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you

(whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE

WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.70.3.2 *Public-domain*

Changes done by Karl Eichwalder are put into the Public Domain.

1.70.3.3 *Permission Notice:*

Permission is granted to copy and distribute modified versions of this manual under the conditions for verbatim copying, provided that the entire resulting derived work is distributed under the terms of a permission notice identical to this one.

Permission is granted to make and distribute verbatim copies of this manual provided the copyright notice and this permission notice are preserved on all copies.

1.70.3.4 *Permission Notice - University of California, Berkeley*

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.70.3.5 *Permission Notice*

You may use this program, or code or tables extracted from it, as desired without restriction.

1.70.3.6 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.70.3.7 *LGPL-2.1+*

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many

libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a

"work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

1.70.3.8 LGPL-2.0+

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991 Copyright (C) 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them

with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms

permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its

derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.

Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in

the library `Frob' (a library for tweaking knobs) written

by James Random Hacker.

signature of Ty Coon, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.70.3.9 ISC

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.70.3.10 GPL-2.0

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

1.70.3.11 GPL-1.0+

GNU General Public License, version 1

GNU GENERAL PUBLIC LICENSE
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so,

and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!

1.70.3.12 *BSD-style*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain any existing copyright notice, and this entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce all prior and current copyright notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of any author may not be used to endorse or promote products derived from this software without their specific prior written permission.

1.70.3.13 *BSD-style*

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

1.70.3.14 *BSD-4-Clause-UC*

BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.70.3.15 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. [deleted]
4. Neither the name of Gunnar Ritter nor the names of his contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY GUNNAR RITTER AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL GUNNAR RITTER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.70.3.16 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF NOT ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.70.3.17 *Public Domain Notice:*

Public domain

1.71 TinyXML 2.5.2

1.71.1 Copyrights

copyright (c) 2000-2006 Lee Thomason (www.grinninglizard.com)

1.71.2 Licenses

1.71.2.1 *zLib*

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.72 tzdata 2022c

1.72.1 Licenses

1.72.1.1 *Public Domain Notice*

Unless otherwise specified, all files in the tz code and data are in the public domain, so clarified as of 2009-05-17 by Arthur David Olson.

1.73 zlib 1.2.11

1.73.1 Copyrights

© Copyright Henrik Ravn 2004
copyrighted 25 November 2004 Mark Adler
copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright Jean-loup Gailly Osma Ahvenlampi <Osma.Ahvenlampi@hut.fi>
Copyright 1998-2004 Gilles Vollant
Copyright 1995-2017 Mark Adler
Copyright 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (c) Henrik Ravn 2004
Copyright (c) 2004, 2005 by Mark Adler
Copyright (c) 2004, 2005 Mark Adler.
Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson
Copyright (c) 1997,99 Borland Corporation
Copyright (c) 1997,99 Borland Corp.,
Copyright (c) 1997 Christian Michelsen Research AS Advanced Computing Fantoftvegen 38,
5036 BERGEN, Norway <http://www.cmr.no>
Copyright (c) 1996 L. Peter Deutsch and Jean-Loup Gailly
Copyright (c) 1996 L. Peter Deutsch
Copyright (c) 1990-2000 Info-ZIP. All rights reserved.
Copyright (C) 1995-2017 Mark Adler
Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)
Copyright (C) 2007-2008 Even Rouault
Copyright (C) 2007, 2008, 2012 Mark Adler Version 1.4 18 August 2012 Mark Adler
Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
Copyright (C) 2004, 2005, 2012 Mark Adler, all rights reserved version
Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
Copyright (C) 2003, 2012-2013 Mark Adler
Copyright (C) 2003, 2012 Mark Adler, all rights reserved
Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
Copyright (C) 2003 by Cosmin Truta.
Copyright (C) 2003 Cosmin Truta. Derived from original sources by Bob Dellaca.
Copyright (C) 2003 Chris Anderson <christop@charm.net>
Copyright (C) 2002-2013 Mark Adler, all rights reserved
Copyright (C) 2002-2004 Dmitriy Anisimkov --
Copyright (C) 2002-2003 Dmitriy Anisimkov
Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)
Copyright (C) 1998-2005 Gilles Vollant
Copyright (C) 1998,1999,2000 by Jacques Nomssi Nzali.
Copyright (C) 1998-2007 Brian Raiter <breadbox@muppetlabs.com>
Copyright (C) 1998 by Jacques Nomssi Nzali.
Copyright (C) 1998 by Bob Dellaca.
Copyright (C) 1998 by Andreas R. Kleinert

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson
Copyright (C) 1995-2017 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler LP
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly & Mark Adler
Copyright (C) 1995-2017 Jean-loup Gailly
Copyright (C) 1995-2017 Jean-Loup Gailly, Mark Adler
Copyright (C) 1995- 2005-2016 Mark Adler
Copyright (C) 1995-2010 Jean-loup Gailly, Brian Raiter and Gilles Vollant.
Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly
Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler
Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
Copyright (C) 1995-2003 by Jean-loup Gailly.
Copyright (C) 1995-1996 Jean-loup Gailly, Brian Raiter and Gilles Vollant. File written by Gilles Vollant,
(c) 2004 by Henrik Ravn
(C) 1995-2017 Jean-loup Gailly and Mark Adler
(C) 1995-2017 Jean-loup Gailly & Mark Adler

1.73.2 Licenses

1.73.2.1 Zlib

`zlib License`

`This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.`

`Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:`

- `1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.`
- `2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.`
- `3. This notice may not be removed or altered from any source distribution.`

1.73.2.2 Zlib

`This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.`

`Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:`

- `1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.`
- `2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.`

3. This notice may not be removed or altered from any source distribution.

1.73.2.3 Zlib

This software is provided 'as-is', without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.73.2.4 Zlib

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

1.73.2.5 Public-domain

Not copyrighted -- provided to the public domain

1.73.2.6 Permission Notice

The code is provided "as is", with the permission to use, copy, modify, distribute and sell it for any purpose without fee.

1.73.2.7 Permission Notice

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. Christian Michelsen Research AS makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

1.73.2.8 Info-ZIP

This software is provided "as is," without warranty of any kind, express or implied. In no event shall Info-ZIP or its contributors be held liable for any direct, indirect, incidental, special or consequential damages arising out of the use of or inability to use this software.

Permission is granted to anyone to use this software for any purpose,

including commercial applications, and to alter it and redistribute it freely, subject to the above disclaimer and the following restrictions:

1. Redistributions of source code (in whole or in part) must retain the above copyright notice, definition, disclaimer, and this list of conditions.
2. Redistributions in binary form (compiled executables and libraries) must reproduce the above copyright notice, definition, disclaimer, and this list of conditions in documentation and/or other materials provided with the distribution. The sole exception to this condition is redistribution of a standard UnZipSFX binary (including SFXWiz) as part of a self-extracting archive; that is permitted without inclusion of this license, as long as the normal SFX banner has not been removed from the binary or disabled.
3. Altered versions--including, but not limited to, ports to new operating systems, existing ports with new graphical interfaces, versions with modified or added functionality, and dynamic, shared, or static library versions not from Info-ZIP--must be plainly marked as such and must not be misrepresented as being the original source or, if binaries, compiled from the original source. Such altered versions also must not be misrepresented as being Info-ZIP releases--including, but not limited to, labeling of the altered versions with the names "Info-ZIP" (or any variation thereof, including, but not limited to, different capitalizations), "Pocket UnZip," "WiZ" or "MacZip" without the explicit permission of Info-ZIP. Such altered versions are further prohibited from misrepresentative use of the Zip-Bugs or Info-ZIP e-mail addresses or the Info-ZIP URL(s), such as to imply Info-ZIP will provide support for the altered versions.
4. Info-ZIP retains the right to use the names "Info-ZIP," "Zip," "UnZip," "UnZipSFX," "WiZ," "Pocket UnZip," "Pocket Zip," and "MacZip" for its own source and binary releases.

1.73.2.9 GPL-2.0+-with-ADA-Exception

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights.

These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include

anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to

be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

As a special exception, if other files instantiate generics from this unit, or you link this unit with other files to produce an executable, this unit does not by itself cause the resulting executable to be covered by the GNU General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU Public License.

1.73.2.10 BSL-1.0

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the

Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.73.2.11 *BSD-3-Clause-Contributors-COPYRIGHTHOLDERS-Variant*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- * The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2. abt-inside MR2023

2.1 @angular/cdk 14.2.4

2.1.1 Copyrights

Copyright Google LLC All Rights Reserved.
Copyright (c) 2022 Google LLC.

2.1.2 Licenses

2.1.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.2 @ngx-translate/core 14.0.0

2.2.1 Copyrights

Copyright (C) 2018 Olivier Combe

2.2.2 Licenses

2.2.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.3 @ngx-translate/http-loader 7.0.0

2.3.1 Copyrights

Copyright (C) 2018 Olivier Combe

2.3.2 Licenses

2.3.2.1 *MIT License*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.4 @popperjs/core 2.11.6

2.4.1 Copyrights

Copyright (c) 2019 Federico Zivolo

2.4.2 Licenses

2.4.2.1 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.4.2.2 *Public-domain*

<http://meyerweb.com/eric/tools/css/reset/>
v2.0 | 20110126
License: none (public domain)

2.5 Angular 14.2.5

2.5.1 Copyrights

copyright: © 2018 Denis Pushkarev (zloirock.ru)
copyright © 2010-2011 , Google Corporation.
Copyright(c) 2015 Jed Watson.
Copyright(c) 2015 Douglas Christopher Wilson.
Copyright(c) 2014 Jonathan Ong
Copyright(c) 2012-2014 TJ Holowaychuk
Copyright © 2015-2018, Jon Schlinkert.
Copyright © 2014-2015, Jordan Suchow, Michael Pacer, and Lara A. Ross All rights reserved.
Copyright jQuery Foundation and other contributors
Copyright Joyent, Inc. and other Node contributors.
Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright JS Foundation and other contributors, <https://js.foundation/>
Copyright Google LLC All Rights Reserved.
Copyright Google Inc. All Rights Reserved.
Copyright Apple Inc., 2022
Copyright Apple Inc., 2021
Copyright Apple Inc., 2018
Copyright Apple Inc., 2017
Copyright 2019 Google Inc. All Rights Reserved.
Copyright 2015-2017 Joyent, Inc.
Copyright 2017 Bertrand Gaillard
Copyright 2016, Joyent Inc Author: Alex Wilson <alex.wilson@joyent.com>
Copyright 2015 The Bazel Authors. All rights reserved.
Copyright 2015 Kyle E. Mitchell
Copyright 2014 The Chromium Authors. All rights reserved.
Copyright 2012-2016 The Dojo Foundation <<http://dojofoundation.org/>>
Copyright 2012 Joyent, Inc. All rights reserved.
Copyright 2011 Mark Cavage <mcavage@gmail.com> All rights reserved.
Copyright 2010-2012 Mikeal Rogers
Copyright 2010 LearnBoost <dev@learnboost.com>
Copyright 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors.
Copyright 2007 Apple Inc
Copyright 2000 Adobe Systems Incorporated.
Copyright 1997 Niels Provos <provos@physnet.uni-hamburg.de> All rights reserved.
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
Copyright (c) Microsoft Corporation. All rights reserved.
Copyright (c) Marak Squires
Copyright (c) 2020 The Chromium Authors. All rights reserved.
Copyright (c) 2014-2018 , Jon Schlinkert.
Copyright (c) 2015, Salesforce.com, Inc. All rights reserved.
Copyright (c) 2015 Jon Schlinkert.
Copyright (c) 2014 Jon Schlinkert, contributors.
Copyright (c) 2013-present, Facebook, Inc.
Copyright (c) 2013, Yahoo! Inc. All rights reserved.
Copyright (c) 2013 Ted Unangst <tedu@openbsd.org>
Copyright (c) 2012, Mark Cavage. All rights reserved.
Copyright (c) 2011-2017 KARASZI Istvan <github@spam.raszi.hu>
Copyright (c) 2010-2022 Google LLC.
Copyright (c) 2007 Kris Zyp SitePen (www.sitepen.com)
Copyright (c) 2005-2009 Tom Wu All Rights Reserved.
Copyright (c) 1998 Hewlett-Packard Company.

Copyright (C) 2006 Google Inc.
(c) Sindre Sorhus.
(c) 2010-2022 Google LLC. <https://angular.io/>
(c) 2007 Steven Levithan <stevenlevithan.com>

2.5.2 Acknowledgements

Disclaimer of Warranties and Limitation of Liability.

a. Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.

b. To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.

c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

2.5.3 Licenses

2.5.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.5.3.2 Unlicense

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and

successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <http://unlicense.org/>

2.5.3.3 MIT-style

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL TOM WU BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

In addition, the following condition applies:

All redistributions must retain an intact copy of this copyright notice and disclaimer.

2.5.3.4 ISC

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

2.5.3.5 CC-BY-4.0

Creative Commons Attribution 4.0 International

Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.

Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors.

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason—for example, because of any applicable exception or limitation to copyright—then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public.

Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 - Definitions.

a. **Adapted Material** means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

b. **Adapter's License** means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.

c. **Copyright and Similar Rights** means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.

d. **Effective Technological Measures** means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.

e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.

f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.

h. Licensor means the individual(s) or entity(ies) granting rights under this Public License.

i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.

j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.

k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 - Scope.

a. License grant.

1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

A. reproduce and Share the Licensed Material, in whole or in part; and

B. produce, reproduce, and Share Adapted Material.

2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

3. Term. The term of this Public License is specified in Section 6(a).

4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a) (4) never produces Adapted Material.

5. Downstream recipients.

A. Offer from the Licensor - Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

B. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed

Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).

b. Other rights.

1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.

2. Patent and trademark rights are not licensed under this Public License.

3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 - License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

a. Attribution.

1. If You Share the Licensed Material (including in modified form), You must:

A. retain the following if it is supplied by the Licensor with the Licensed Material:

i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);

ii. a copyright notice;

iii. a notice that refers to this Public License;

iv. a notice that refers to the disclaimer of warranties;

v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable;

B. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and

C. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.

2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.

3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.

4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 - Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

- a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;
 - b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and
 - c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.
- For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 - Disclaimer of Warranties and Limitation of Liability.

- a. Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.
- b. To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.
- c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 - Term and Termination.

- a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.
- b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:
 - 1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or
 - 2. upon express reinstatement by the Licensor.
- c. For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.
- d. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.
- e. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 - Other Terms and Conditions.

a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.

b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 - Interpretation.

a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.

b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.

c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.

d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.

Creative Commons may be contacted at creativecommons.org.

2.5.3.6 BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Salesforce.com nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.5.3.7 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.5.3.8 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.5.3.9 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.5.3.10 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.5.3.11 *Apache-2.0*

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

2.6 bignumber.js 9.1.0

2.6.1 Copyrights

Copyright holder

Copyright © `<2022>` Michael McLaughlin`

Copyright (c) 2022 Michael McLaughlin <M8ch88l@gmail.com>

2.6.2 Licenses

2.6.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

2.7 bootstrap-5.1.3.zip

2.7.1 Copyrights

© Zeno Rocha

© Bootstrap

© 2003? ??????

copyright Twitter.

Copyright 2011-2021 Twitter, Inc.

Copyright 2011-2021 The Bootstrap Authors
Copyright 2011-2021 The Bootstrap Authors, Twitter Inc.
Copyright (c) 2021 Bryan Braun

2.7.2 Acknowledgements

Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

2.7.3 Licenses

2.7.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.7.3.2 CC-BY-3.0

Creative Commons Attribution 3.0 Unported CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

a. "Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License. For the avoidance of doubt, where the Work is a musical work, performance or phonogram, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered an Adaptation for the purpose of this License.

b. "Collection" means a collection of literary or artistic works, such as encyclopedias and anthologies, or performances, phonograms or broadcasts, or other works or subject matter other than works listed in Section 1(f) below, which, by reason of the selection and arrangement of their contents, constitute intellectual creations, in which the Work is included in its entirety in unmodified form along with one or more other contributions, each constituting separate and independent works in themselves, which together are assembled into a collective whole. A work that constitutes a Collection will not be considered an Adaptation (as defined above) for the purposes of this License.

c. "Distribute" means to make available to the public the original and copies of the Work or Adaptation, as appropriate, through sale or other transfer of ownership.

d. "Licensor" means the individual, individuals, entity or entities that offer(s) the Work under the terms of this License.

e. "Original Author" means, in the case of a literary or artistic work, the individual, individuals, entity or entities who created the Work or if no individual or entity can be identified, the publisher; and in addition (i) in the case of a performance the actors, singers, musicians, dancers, and other persons who act, sing, deliver, declaim, play in, interpret or otherwise perform literary or artistic works or expressions of folklore; (ii) in the case of a phonogram the producer being the person or legal entity who first fixes the sounds of a performance or other sounds; and, (iii) in the case of broadcasts, the organization that transmits the broadcast.

f. "Work" means the literary and/or artistic work offered under the terms of this License including without limitation any production in the literary, scientific and artistic domain, whatever may be the mode or form of its expression including digital form, such as a book, pamphlet and other writing; a lecture, address, sermon or other work of the same nature; a dramatic or dramatico-musical work; a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.

g. "You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

h. "Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the

public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.

i. "Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.

2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for in connection with the copyright protection under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

a. to Reproduce the Work, to incorporate the Work into one or more Collections, and to Reproduce the Work as incorporated in the Collections;

b. to create and Reproduce Adaptations provided that any such Adaptation, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified.";

c. to Distribute and Publicly Perform the Work including as incorporated in Collections; and,

d. to Distribute and Publicly Perform Adaptations.

e. For the avoidance of doubt:

i. Non-waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;

ii. Waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of the rights granted under this License; and,

iii. Voluntary License Schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. Subject to Section 8(f), all rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

a. You may Distribute or Publicly Perform the Work only under the terms of this License. You must include a copy of, or the Uniform Resource Identifier (URI) for, this License with every copy of the Work You Distribute or Publicly Perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of the recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must

keep intact all notices that refer to this License and to the disclaimer of warranties with every copy of the Work You Distribute or Publicly Perform. When You Distribute or Publicly Perform the Work, You may not impose any effective technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collection, but this does not require the Collection apart from the Work itself to be made subject to the terms of this License. If You create a Collection, upon notice from any Licensor You must, to the extent practicable, remove from the Collection any credit as required by Section 4(b), as requested. If You create an Adaptation, upon notice from any Licensor You must, to the extent practicable, remove from the Adaptation any credit as required by Section 4(b), as requested.

b. If You Distribute, or Publicly Perform the Work or any Adaptations or Collections, You must, unless a request has been made pursuant to Section 4(a), keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or if the Original Author and/or Licensor designate another party or parties (e.g., a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; (ii) the title of the Work if supplied; (iii) to the extent reasonably practicable, the URI, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and (iv), consistent with Section 3(b), in the case of an Adaptation, a credit identifying the use of the Work in the Adaptation (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4 (b) may be implemented in any reasonable manner; provided, however, that in the case of a Adaptation or Collection, at a minimum such credit will appear, if a credit for all contributing authors of the Adaptation or Collection appears, then as part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties.

c. Except as otherwise agreed in writing by the Licensor or as may be otherwise permitted by applicable law, if You Reproduce, Distribute or Publicly Perform the Work either by itself or as part of any Adaptations or Collections, You must not distort, mutilate, modify or take other derogatory action in relation to the Work which would be prejudicial to the Original Author's honor or reputation. Licensor agrees that in those jurisdictions (e.g. Japan), in which any exercise of the right granted in Section 3(b) of this License (the right to make Adaptations) would be deemed to be a distortion, mutilation, modification or other derogatory action prejudicial to the Original Author's honor and reputation, the Licensor will waive or not assert, as appropriate, this Section, to the fullest extent permitted by the applicable national law, to enable You to reasonably exercise Your right under Section 3(b) of this License (right to make Adaptations) but not otherwise.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

a. This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Adaptations or Collections from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

b. Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

a. Each time You Distribute or Publicly Perform the Work or a Collection, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

b. Each time You Distribute or Publicly Perform an Adaptation, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

c. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

d. No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent. This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You.

e. This License may not be modified without the mutual written agreement of the Licensor and You.

f. The rights granted under, and the subject matter referenced, in this License were drafted utilizing the terminology of the Berne Convention for the Protection of Literary and Artistic Works (as amended on September 28, 1979), the Rome Convention of 1961, the WIPO Copyright Treaty of 1996, the WIPO Performances and Phonograms Treaty of 1996 and the Universal Copyright Convention (as revised on July 24, 1971). These rights and subject matter take effect in the relevant jurisdiction in which the License terms are sought to be enforced according to the corresponding provisions of the implementation of those treaty provisions in the applicable national law. If the standard suite of rights granted under applicable copyright law includes additional rights not granted under this License, such additional rights are deemed to be included in the License; this License is not intended to restrict the license of any rights under applicable law.

Creative Commons Notice

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly

identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, Creative Commons does not authorize the use by either party of the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time. For the avoidance of doubt, this trademark restriction does not form part of this License.

Creative Commons may be contacted at <http://creativecommons.org/>.

2.8 buffer 6.0.3

2.8.1 Copyrights

Copyright (c) Feross Aboukhadijeh, and other contributors.

2.8.2 Licenses

2.8.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.9 classList.js 1.1.20150312

2.9.1 Licenses

2.9.1.1 Public-domain

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

2.10 core-js 3.25.5

2.10.1 Copyrights

© 2014-2022 Denis Pushkarev (zloirock.ru)
Copyright © web-platform-tests contributors
Copyright (c) 2014-2022 Denis Pushkarev

2.10.2 Licenses

2.10.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.10.2.2 BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.10.2.3 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the authors nor Ecma International may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE ECMA INTERNATIONAL "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ECMA INTERNATIONAL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.11 crypto-js 4.1.1

2.11.1 Copyrights

Copyright (c) 2013-2016 Evan Vosberg
Copyright (c) 2009-2013 Jeff Mott
(c) 2012 by Cédric Mesnil. All rights reserved.

2.11.2 Licenses

2.11.2.1 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.11.2.2 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.11.2.3 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.12 ECharts 5.4.0

2.12.1 Copyrights

Copyright (c) 2010-2015,Michael Bostock

© 2016 Fractal Design

Copyright 2017-2022 The Apache Software Foundation

Copyright 2015 Platfora, Inc.

Copyright 2011, Sebastian Tschan

Copyright 2011 Data Arts Team, Google Creative Lab

Copyright 2010-2016 Mike Bostock All rights reserved.

Copyright (c) Microsoft Corporation.

Copyright (c) 2013, Baidu Inc. All rights reserved.

Copyright (C) Paul Johnston 1999 - 2009 Other contributors: Greg Holt, Andrew Kepert, Ydnar, Lostinet

(c) 2005, 2015 jQuery Foundation, Inc.

2.12.2 Acknowledgements

Apache ECharts

Copyright 2017-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

2.12.3 Licenses

2.12.3.1 *Apache-2.0*

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

2.12.3.2 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.12.3.3 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.12.3.4 *0BSD*

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

2.13 eslint-plugin-prefer-arrow 1.2.3

2.13.1 Copyrights

Copyright (c) 2018 Triston Jones

2.13.2 Licenses

2.13.2.1 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.14 export-to-csv 0.2.1

2.14.1 Copyrights

copyright Alex Caza <alex@alexcaza.com>, 2017.
Copyright Javier Telio <jtelio@gmail.com>, 2016

2.14.2 Licenses

2.14.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.15 Lodash 4.17.21

2.15.1 Copyrights

copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
<<http://underscorejs.org/>>
Copyright OpenJS Foundation and other contributors <<https://openjsf.org/>>
Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright 2009, The Dojo Foundation
Copyright (c) 2010-2016 Jeremy Ashkenas, DocumentCloud
Copyright (c) 2010-2011 Marcus Westin
Copyright (c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright (c) 2007, Parakey Inc. All rights reserved.
Copyright (c) 2007, Parakey Inc.
Copyright (c) 2006, Yahoo! Inc. All rights reserved.
(c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

2.15.2 Acknowledgements

To the extent files may be licensed under MIT or GPL-2.0 or BSD, in this context MIT has been chosen. This shall not restrict the freedom of other users to choose either MIT or GPL-2.0 or BSD. For convenience all license texts are provided

2.15.3 Licenses

2.15.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.15.3.2 GPL-2.0

GNU General Public License, version 2

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you

distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you

(whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE

WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

2.15.3.3 Dual-license

Released under the MIT, BSD, and GPL Licenses.

2.15.3.4 BSD-3-Clause-Yahoo

Redistribution and use of this software in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Yahoo! Inc. nor the names of YUI's contributors may be used to endorse or promote products derived from this software without specific prior written permission of Yahoo! Inc.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.15.3.5 BSD-3-Clause

Redistribution and use of this software in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Parakey Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission of Parakey Inc.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.16 monaco-editor 0.32.1

2.16.1 Copyrights

© by W3C

Copyright © W3C® (MIT, ERCIM, Keio, Beihang).

Copyright © 2018 WHATWG (Apple, Google, Mozilla, Microsoft).

Copyright © 2015 W3C® (MIT, ERCIM, Keio, Beihang).

Copyright Joyent, Inc. and other Node contributors.

Copyright Drifty Co. <http://drifty.com/>.

Copyright (c) Microsoft Corporation. All rights reserved.

Copyright (c) 2018+, MarkedJS (<https://github.com/markedjs/>)

Copyright (c) 2018 The Khronos Group Inc.

Copyright (c) 2016 - present Microsoft Corporation

Copyright (c) 2015 David Owens II

Copyright (c) 2011-2022, Christopher Jeffrey.

Copyright (c) 2011-2018, Christopher Jeffrey (<https://github.com/chjj/>)

Copyright (c) 2007-2017 Einar Lielmanis, Liam Newman, and contributors.

Copyright (c) 1991-2017 Unicode, Inc. All rights reserved.

Copyright (C) David Owens II, owensd.io. All rights reserved.

(c) Cure53 and other contributors

2.16.2 Acknowledgements

To the extent files may be licensed under Apache-2.0 or MPL-2.0. In this context Apache-2.0 has been chosen.

This shall not restrict the freedom of other users to choose either Apache-2.0 or MPL-2.0.

<https://creativecommons.org/licenses/by/4.0/legalcode>

2.16.3 Licenses

2.16.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.16.3.2 W3C-20150513

This work is being provided by the copyright holders under the following license.

License

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the work or portions thereof, including modifications:

- . The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.
- . Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.
- . Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived from [title and URI of the W3C document]. Copyright (c) [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission. Title to copyright in this work will at all times remain with copyright holders.

2.16.3.3 W3C Document License

This software or document includes material copied from or derived from HTML 5.1 W3C Working Draft (<http://www.w3.org/TR/2015/WD-html51-20151008/>.)

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this document or its contents without specific, written prior permission. Title to copyright in this document will at all times remain with copyright holders.

=====

END OF HTML 5.1 W3C Working Draft NOTICES AND INFORMATION

2.16.3.4 Unicode-DFS-2016

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, <http://www.unicode.org/cldr/data/>, <http://source.icu-project.org/repos/icu/>, and <http://www.unicode.org/utility/trac/browser/>.

Unicode Data Files do not include PDF online code charts under the directory <http://www.unicode.org/Public/>.

Software includes any source code published in the Unicode Standard or under the directories <http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>, <http://www.unicode.org/cldr/data/>, <http://source.icu-project.org/repos/icu/>, and <http://www.unicode.org/utility/trac/browser/>.

NOTICE TO USER: Carefully read the following legal agreement.
BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),
YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT.
IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1991-2017 Unicode, Inc. All rights reserved.
Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either
(a) this copyright and permission notice appear with all copies of the Data Files or Software, or
(b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

2.16.3.5 MPL-2.0

Mozilla Public License Version 2.0

1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and

performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

2.16.3.6 MIT-style

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

2.16.3.7 Dual License-Apache-2.0 or MPL-2.0

@license DOMPurify 2.3.1 | (c) Cure53 and other contributors | Released under the Apache license 2.0 and Mozilla Public License 2.0 | github.com/cure53/DOMPurify/blob/2.3.1/LICENSE

2.16.3.8 CC-BY-4.0

Creative Commons Attribution 4.0 International

Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.

Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors.

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason—for example, because of any applicable exception or limitation to copyright—then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public.

Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 - Definitions.

a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

b. Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.

c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.

d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.

e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.

f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.

h. Licensor means the individual(s) or entity(ies) granting rights under this Public License.

i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make

material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.

j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.

k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 - Scope.

a. License grant.

1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

A. reproduce and Share the Licensed Material, in whole or in part; and

B. produce, reproduce, and Share Adapted Material.

2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

3. Term. The term of this Public License is specified in Section 6(a).

4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a) (4) never produces Adapted Material.

5. Downstream recipients.

A. Offer from the Licensor - Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

B. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a) (1) (A) (i).

b. Other rights.

1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.

2. Patent and trademark rights are not licensed under this Public License.

3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 - License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

a. Attribution.

1. If You Share the Licensed Material (including in modified form), You must:

A. retain the following if it is supplied by the Licensor with the Licensed Material:

i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);

ii. a copyright notice;

iii. a notice that refers to this Public License;

iv. a notice that refers to the disclaimer of warranties;

v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable;

B. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and

C. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.

2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.

3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.

4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 - Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;

b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and

c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.
For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 - Disclaimer of Warranties and Limitation of Liability.

a. Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.

b. To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.

c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 - Term and Termination.

a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.

b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:

1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or

2. upon express reinstatement by the Licensor.

c. For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.

d. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.

e. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 - Other Terms and Conditions.

a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.

b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 - Interpretation.

a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.

b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.

c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.

d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.

Creative Commons may be contacted at creativecommons.org.

2.16.3.9 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

2.17 ngx-bootstrap 9.0.0

2.17.1 Copyrights

Copyright (C) 2015-2020 Valor Software

Copyright (C) 2015-2020 Dmitriy Shekhovtsov<valorkin@gmail.com>

Copyright 2011-2021 The Bootstrap Authors

Copyright 2011-2021 Twitter, Inc.

Copyright: Copyright 2019-2019 The Manrope Project Authors

Copyright: (<https://github.com/sharanda/manrope>) Generated by FontForge 20190801

(<http://fontforge.sf.net/>) EndComments

Copyright 2019 The Manrope Project Authors

Copyright: Copyright 2020 The Open Sans Project Authors

Copyright 2020 The Open Sans Project Authors

copyright ng-bootstrap

Copyright (C) 2017 Google, Inc.

Copyright (C) 2015-2016 Angular ng-bootstrap team

copyright Angular ng-bootstrap team

Copyright Google LLC

Copyright Google Inc.

copyright Valor Software

Copyright (C) Valor Software

Copyright (C) Dmitriy Shekhovtsov<valorkin@gmail.com>
Copyright (C) moment/moment
Copyright (C) JS Foundation and other contributors
Copyright (C) 2015 ngrx
copyright Federico Zivolo and contributors

2.17.2 Licenses

2.17.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.18 ngx-clipboard 15.1.0

2.18.1 Copyrights

Copyright (c) 2018 Sam Lin

2.18.2 Licenses

2.18.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.19 ngx-cookie-service 14.0.1

2.19.1 Copyrights

Copyright (C) 2020 Studytube BV

2.19.2 Licenses

2.19.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.20 ngx-monaco-editor 12.0.0

2.20.1 Copyrights

Copyright (c) Atul Kumar <atulaggarwal4288@gmail.com> (github.com/atularen)

2.20.2 Licenses

2.20.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.21 rxjs 7.5.7

2.21.1 Copyrights

Copyright (C) Microsoft Corporation.

Copyright (C) 2015-2015 -2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors

2.21.2 Licenses

2.21.2.1 Apache License 2.0

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that

are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

2.21.2.2 *BSD Zero Clause License*

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

2.22 siemens-thrift-nodejs-patch 0.10.0

2.22.1 Copyrights

Copyright(c) 2011 Einar Otto Stangvik <einaros@gmail.com>
Copyright 2013, NAN contributors: Rod Vagg <<https://github.com/rvagg>> Benjamin Byholm <<https://github.com/kkooopa>> Trevor Norris <<https://github.com/trevnorris>> Nathan Rajlich <<https://github.com/TooTallNate>> Brett Lawson <<https://github.com/brett19>> Ben Noordhuis
Copyright 2009â€“ 2014 Kristopher Michael Kowal. All rights reserved.
Copyright 2009â€“ 2014 Kristopher Michael Kowal
Copyright 2009-2012 Kris Kowal

Copyright 2007-2009 Tyler Close

Copyright (c) 2014 NAN contributors: Rod Vagg <<https://github.com/rvagg>> Benjamin Byholm
<<https://github.com/kkooopa>> Trevor Norris <<https://github.com/trevnorris>> Nathan Rajlich
<<https://github.com/TooTallNate>> Brett Lawson <<https://github.com/brett19>> Ben N

Copyright (c) 2014 NAN contributors

Copyright (c) 2011 TJ Holowaychuk

Copyright (c) 2011 Einar Otto Stangvik einaros@gmail.com

Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>

Copyright (C) 2011 Google Inc.

2.22.2 Licenses

2.22.2.1 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

2.22.2.2 MIT +no-false-attrs license

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

Distributions of all or part of the Software intended to be used by the recipients as they would use the unmodified Software, containing modifications that substantially alter, remove, or disable functionality of the Software, outside of the documented configuration mechanisms provided by the Software, shall be modified such that the Original Author's bug reporting email addresses and urls are either replaced with the contact information of the parties responsible for the changes, or removed entirely.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.22.2.3 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to

permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.23 tslib 2.4.0

2.23.1 Copyrights

Copyright (C) Microsoft Corporation.

2.23.2 Licenses

2.23.2.1 *BSD Zero Clause License*

Copyright (C) YEAR by AUTHOR EMAIL

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

2.24 url-polyfill 1.1.12

2.24.1 Copyrights

Copyright (C) 2017 Valentin Richard

2.24.2 Licenses

2.24.2.1 *MIT License*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.25 web-animations-js 2.3.2

2.25.1 Copyrights

Copyright(c) 2013 jake luer <jake@alogicalparadox.com>
Copyright(c) 2013 Jake Luer <jake@qualiancy.com>
Copyright(c) 2011-2014 Jake Luer <jake@alogicalparadox.com>
Copyright(c) 2011 TJ Holowaychuk <tj@vision-media.ca>
Copyright 2014-2016 Google Inc.
Copyright (c) 2011-2014 TJ Holowaychuk <tj@vision-media.ca>
Copyright (C) 2013 Google Inc.

2.25.2 Licenses

2.25.2.1 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

2.25.2.2 *BSD-3-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

2.25.2.3 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

2.26 zone.js 0.11.4

2.26.1 Copyrights

Copyright jQuery Foundation and other contributors <<https://jquery.org/>>
Copyright Zeno Rocha
Copyright Joyent, Inc. and other Node contributors.
Copyright Google LLC All Rights Reserved.
Copyright Google Inc. All Rights Reserved.
Copyright 2017-2018 Apple Inc.
Copyright 2015-2017 Joyent, Inc.
Copyright 2015 The Bazel Authors
Copyright 2012 Joyent, Inc. All rights reserved.
Copyright 2011 Mark Cavage <mcavage@gmail.com> All rights reserved.
Copyright 2009 International Color Consortium
Copyright 2007 Apple Inc., all rights reserved.
Copyright 2000 Adobe Systems Incorporated
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
Copyright (c) 2016, Tiernan Cridland
Copyright (c) 2014-2017 , Jon Schlinkert.
Copyright (c) 2015, Salesforce.com, Inc. All rights reserved.
Copyright (c) 2013, Yahoo! Inc. All rights reserved.
Copyright (c) 2011, Google Corporation
Copyright (c) 2010-2020 Google LLC.
Copyright (c) 2010-2011 Google Corporation
Copyright (c) 1999 Adobe Systems Incorporated. All Rights Reserved.
Copyright (c) 1998 Hewlett-Packard Company
Copyright (C) 2006 Google Inc.
(c) Sindre Sorhus
(c) 2010-2020 Google LLC.
(c) 2007 Steven Levithan <stevenlevithan.com>

2.26.2 Licenses

2.26.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3. DCP Learning Tool SVS400 MR2021-06

3.1 @angular/forms 4.4.4

3.1.1 Copyrights

© Zeno Rocha

Copyright Google Inc. All Rights Reserved.

Copyright Google Inc.

Copyright 2016-2017 Google Inc.

Copyright (c) 2016 Daniel Eden

Copyright (c) 2014-2017 Google, Inc.

Copyright (c) 2014, Joshua Bell

Copyright (c) 2010, Linden Research, Inc.

Copyright (C) 2006 Google Inc.

(c) 2010-2017 Google, Inc.

(c) 2010 François de Metz

(c) 2007 Steven Levithan <stevenlevithan.com>

3.1.2 Acknowledgements

The logo graphics and documentation is available under CC-BY-4.0. The text of the license is provided in this document. The material is provided without any warranty and guarantee as described in Section 5 - Disclaimer of Warranties and Limitation of Liability of the license. The copyright is owned by Google Inc.

3.1.3 Licenses

3.1.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.1.3.2 Unlicense

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and

successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

3.1.3.3 *Public-domain*

Public Domain

3.1.3.4 *ISC*

ISC License:

Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")
Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

3.1.3.5 *CC-BY-4.0*

Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.

Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors.

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason—for example,

because of any applicable exception or limitation to copyright-then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public.

Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 - Definitions.

Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.

Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.

Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.

Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.

Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.

Licensor means the individual(s) or entity(ies) granting rights under this Public License.

Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.

Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.

You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 - Scope.

License grant.

Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

reproduce and Share the Licensed Material, in whole or in part; and

produce, reproduce, and Share Adapted Material.

Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

Term. The term of this Public License is specified in Section 6(a).

Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a)(4) never produces Adapted Material.

Downstream recipients.

Offer from the Licensor - Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section

3(a)(1)(A)(i).

Other rights.

Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.

Patent and trademark rights are not licensed under this Public License.

To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 - License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

Attribution.

If You Share the Licensed Material (including in modified form), You must:

retain the following if it is supplied by the Licensor with the Licensed Material: identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);

a copyright notice;

a notice that refers to this Public License;

a notice that refers to the disclaimer of warranties;

a URI or hyperlink to the Licensed Material to the extent reasonably practicable;

indicate if You modified the Licensed Material and retain an indication of any previous modifications; and

indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.

You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.

If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.

If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 - Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database; if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.

For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 - Disclaimer of Warranties and Limitation of Liability.

Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.

To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.

The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 - Term and Termination.

This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.

Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:

automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or upon express reinstatement by the Licensor.

For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.

For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.

Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 - Other Terms and Conditions.

The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.

Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 - Interpretation.

For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.

To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to

make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.

No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.

Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.

3.1.3.6 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole,

provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and

limitations under the License.

3.2 @angular/platform-browser 4.2.4

3.2.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

(c) 2010-2017 Google, Inc.

Copyright (c) 2014-2017 Google, Inc.

3.2.2 Licenses

3.2.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.2.2.2 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be

liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

3.3 @angular/platform-browser-dynamic 4.2.4

3.3.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

(c) 2010-2017 Google, Inc.

Copyright (c) 2014-2017 Google, Inc.

3.3.2 Licenses

3.3.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without

restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.3.2.2 *Apache-2.0*

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of,

the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed

as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

3.4 @angular/router 4.2.4

3.4.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

(c) 2010-2017 Google, Inc. <https://angular.io/>

Copyright (c) 2014-2017 Google, Inc.

3.4.2 Licenses

3.4.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.4.2.2 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

3.5 @ngx-translate/core 8.0.0

3.5.1 Copyrights

Copyright (c) 2016 Preboot team
Copyright (c) 2016 Olivier Combe
Copyright (c) 2014-2016 Google, Inc.

3.5.2 Licenses

3.5.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.6 @ngx-translate/http-loader 2.0.1

3.6.1 Copyrights

Copyright (c) 2016 Olivier Combe

3.6.2 Licenses

3.6.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.7 angular common 4.2.4

3.7.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

(c) 2010-2017 Google, Inc. <https://angular.io/>

Copyright (c) 2014-2017 Google, Inc. <http://angular.io>

3.7.2 Licenses

3.7.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.7.2.2 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a

result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

3.8 angular compiler 4.2.4

3.8.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

(c) 2010-2017 Google, Inc. <https://angular.io/>

Copyright (c) 2014-2017 Google, Inc.

3.8.2 Licenses

3.8.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.8.2.2 *Apache-2.0*

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or,

within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

3.9 angular core 4.2.4

3.9.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

(c) 2010-2017 Google, Inc. <https://angular.io/>

Copyright (c) 2014-2017 Google, Inc.

3.9.2 Licenses

3.9.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.9.2.2 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed

with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and

limitations under the License.

3.10 angular http 4.2.4

3.10.1 Copyrights

Copyright notice

Copyright Google Inc. All Rights Reserved.

Copyright (c) Microsoft Corporation. All rights reserved.

(c) 2010-2017 Google, Inc. <https://angular.io/>

Copyright (c) 2014-2017 Google, Inc.

3.10.2 Licenses

3.10.2.1 *MIT License*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.10.2.2 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be

liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

3.11 angular-animations 4.4.4

3.11.1 Copyrights

© Zeno Rocha

Copyright Google Inc. All Rights Reserved.

Copyright Google Inc.

Copyright 2016-2017 Google Inc.

Copyright (c) 2016 Daniel Eden

Copyright (c) 2014-2017 Google, Inc.

Copyright (c) 2014, Joshua Bell

Copyright (c) 2010, Linden Research, Inc.

Copyright (C) 2006 Google Inc.

(c) 2010-2017 Google, Inc.

(c) 2010 François de Metz

(c) 2007 Steven Levithan <stevenlevithan.com>

3.11.2 Acknowledgements

The logo graphics and documentation is available under CC-BY-4.0. The text of the license is provided in this document. The material is provided without any warranty and guarantee as described in Section 5 - Disclaimer of Warranties and Limitation of Liability of the license. The copyright is owned by Google Inc.

3.11.3 Licenses

3.11.3.1 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.11.3.2 *Unlicense*

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <http://unlicense.org/>

3.11.3.3 *Public-domain*

Public Domain

3.11.3.4 *ISC*

ISC License:

Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")

Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

3.11.3.5 CC-BY-4.0

Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.

Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors.

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason—for example, because of any applicable exception or limitation to copyright—then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public.

Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 - Definitions.

Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner

requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.

Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.

Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.

Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.

Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.

Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.

Licensor means the individual(s) or entity(ies) granting rights under this Public License.

Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.

Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.

You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 - Scope.

License grant.

Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

reproduce and Share the Licensed Material, in whole or in part; and
produce, reproduce, and Share Adapted Material.

Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

Term. The term of this Public License is specified in Section 6(a).

Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a)(4) never produces Adapted Material.

Downstream recipients.

Offer from the Licensor - Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the

Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).
Other rights.

Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.
Patent and trademark rights are not licensed under this Public License.
To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.
Section 3 - License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

Attribution.

If You Share the Licensed Material (including in modified form), You must:

retain the following if it is supplied by the Licensor with the Licensed Material:
identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);
a copyright notice;
a notice that refers to this Public License;
a notice that refers to the disclaimer of warranties;
a URI or hyperlink to the Licensed Material to the extent reasonably practicable;
indicate if You modified the Licensed Material and retain an indication of any previous modifications; and
indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.
You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.
If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.
If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.
Section 4 - Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;
if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and
You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.
For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.
Section 5 - Disclaimer of Warranties and Limitation of Liability.

Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or

not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.

To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.

The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 - Term and Termination.

This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.

Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:

automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or upon express reinstatement by the Licensor.

For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.

For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.

Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 - Other Terms and Conditions.

The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.

Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 - Interpretation.

For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.

To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.

No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.

Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.

3.11.3.6 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make,

have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

3.12 bootstrap-sass-3.4.1.zip

3.12.1 Copyrights

Copyright (c) 2011-2019 Twitter, Inc.

Copyright (c) 2011-2016 The Bootstrap Authors

3.12.2 Licenses

3.12.2.1 MIT

MIT License Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.12.2.2 *Apache-2.0*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/> TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain

to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

3.13 core-js 2.4.1

3.13.1 Copyrights

Copyright (C) Paul Johnston 1999 - 2002.

Copyright (c) 2010-2013 Christian Johansen

Copyright (c) 2012-2013 Maximilian Antoni

Copyright (c) 2014-2016 Denis Pushkarev

Copyright Angel Marin, Paul Johnston 2000 - 2009.

Copyright Joyent, Inc. and other Node contributors.

Copyright Paul Johnston 2000 - 2002.

© 2016 Denis Pushkarev

3.13.2 Licenses

3.13.2.1 MIT License

```
// Permission is hereby granted, free of charge, to any person obtaining a
// copy of this software and associated documentation files (the
// "Software"), to deal in the Software without restriction, including
// without limitation the rights to use, copy, modify, merge, publish,
// distribute, sublicense, and/or sell copies of the Software, and to permit
// persons to whom the Software is furnished to do so, subject to the
// following conditions:
//
// The above copyright notice and this permission notice shall be included
// in all copies or substantial portions of the Software.
//
// THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
// OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
// MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN
// NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,
// DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR
// OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE
// USE OR OTHER DEALINGS IN THE SOFTWARE.
```

3.13.2.2 BSD 3 Clause

* Distributed under the BSD License

* See <http://pajhome.org.uk/crypt/md5> for details.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

3.14 lodash 4.17.5

3.14.1 Copyrights

copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

<<http://underscorejs.org/>>

copyright 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

<<http://underscorejs.org/>>

Copyright jQuery Foundation and other contributors <<https://jquery.org/>>

Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright JS Foundation and other contributors <<https://js.foundation/>>

Copyright 2012-2015 The Dojo Foundation <<http://dojofoundation.org/>>

Copyright 2009-2015 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

3.14.2 Licenses

3.14.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.15 ngx-bootstrap 1.9.3

3.15.1 Copyrights

copyright ngx

copyright ng-bootstrap

Copyright Google Inc. All Rights Reserved.

Copyright (c) Valor Software

Copyright (c) JS Foundation and other contributors

Copyright (c) Dmitry Shekhovtsov<valorkin@gmail.com>

Copyright (c) 2015-2017 Valor Software

Copyright (c) 2015-2017 Dmitry Shekhovtsov<valorkin@gmail.com>

Copyright (c) 2015-2016 Angular ng-bootstrap team

Copyright (c) 2015 ngx

3.15.2 Licenses

3.15.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.15.2.2 CC-BY-3.0

Attribution 3.0 Unported

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

"Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and

includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License. For the avoidance of doubt, where the Work is a musical work, performance or phonogram, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered an Adaptation for the purpose of this License.

"Collection" means a collection of literary or artistic works, such as encyclopedias and anthologies, or performances, phonograms or broadcasts, or other works or subject matter other than works listed in Section 1(f) below, which, by reason of the selection and arrangement of their contents, constitute intellectual creations, in which the Work is included in its entirety in unmodified form along with one or more other contributions, each constituting separate and independent works in themselves, which together are assembled into a collective whole. A work that constitutes a Collection will not be considered an Adaptation (as defined above) for the purposes of this License.

"Distribute" means to make available to the public the original and copies of the Work or Adaptation, as appropriate, through sale or other transfer of ownership.

"Licensor" means the individual, individuals, entity or entities that offer(s) the Work under the terms of this License.

"Original Author" means, in the case of a literary or artistic work, the individual, individuals, entity or entities who created the Work or if no individual or entity can be identified, the publisher; and in addition (i) in the case of a performance the actors, singers, musicians, dancers, and other persons who act, sing, deliver, declaim, play in, interpret or otherwise perform literary or artistic works or expressions of folklore; (ii) in the case of a phonogram the producer being the person or legal entity who first fixes the sounds of a performance or other sounds; and, (iii) in the case of broadcasts, the organization that transmits the broadcast.

"Work" means the literary and/or artistic work offered under the terms of this License including without limitation any production in the literary, scientific and artistic domain, whatever may be the mode or form of its expression including digital form, such as a book, pamphlet and other writing; a lecture, address, sermon or other work of the same nature; a dramatic or dramatico-musical work; a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.

"You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

"Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.

"Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.

2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for in connection with the copyright protection under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

to Reproduce the Work, to incorporate the Work into one or more Collections, and to Reproduce the Work as incorporated in the Collections;
to create and Reproduce Adaptations provided that any such Adaptation, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified.";
to Distribute and Publicly Perform the Work including as incorporated in Collections;
and,
to Distribute and Publicly Perform Adaptations.
For the avoidance of doubt:

Non-waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;

Waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of the rights granted under this License; and,

Voluntary License Schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. Subject to Section 8(f), all rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may Distribute or Publicly Perform the Work only under the terms of this License. You must include a copy of, or the Uniform Resource Identifier (URI) for, this License with every copy of the Work You Distribute or Publicly Perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of the recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties with every copy of the Work You Distribute or Publicly Perform. When You Distribute or Publicly Perform the Work, You may not impose any effective technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collection, but this does not require the Collection apart from the Work itself to be made subject to the terms of this License. If You create a Collection, upon notice from any Licensor You must, to the extent practicable, remove from the Collection any credit as required by Section 4(b), as requested. If You create an Adaptation, upon notice from any Licensor You must, to the extent practicable, remove from the Adaptation any credit as required by Section 4(b), as requested.

If You Distribute, or Publicly Perform the Work or any Adaptations or Collections, You must, unless a request has been made pursuant to Section 4(a), keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or if the Original Author and/or Licensor designate another party or parties (e.g., a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; (ii) the title of the Work if supplied; (iii) to the extent reasonably practicable, the URI, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and (iv) , consistent with Section 3(b), in the case of an Adaptation, a credit identifying the use of the Work in the Adaptation (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4 (b) may be implemented in any reasonable manner; provided, however, that in the case of a Adaptation or Collection, at a minimum such credit will appear, if a credit for all contributing authors of the Adaptation or Collection appears, then as

part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties.

Except as otherwise agreed in writing by the Licensor or as may be otherwise permitted by applicable law, if You Reproduce, Distribute or Publicly Perform the Work either by itself or as part of any Adaptations or Collections, You must not distort, mutilate, modify or take other derogatory action in relation to the Work which would be prejudicial to the Original Author's honor or reputation. Licensor agrees that in those jurisdictions (e.g. Japan), in which any exercise of the right granted in Section 3(b) of this License (the right to make Adaptations) would be deemed to be a distortion, mutilation, modification or other derogatory action prejudicial to the Original Author's honor and reputation, the Licensor will waive or not assert, as appropriate, this Section, to the fullest extent permitted by the applicable national law, to enable You to reasonably exercise Your right under Section 3(b) of this License (right to make Adaptations) but not otherwise.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Adaptations or Collections from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

Each time You Distribute or Publicly Perform the Work or a Collection, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

Each time You Distribute or Publicly Perform an Adaptation, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

The rights granted under, and the subject matter referenced, in this License were drafted utilizing the terminology of the Berne Convention for the Protection of Literary and Artistic Works (as amended on September 28, 1979), the Rome Convention of 1961, the WIPO Copyright Treaty of 1996, the WIPO Performances and Phonograms Treaty of 1996 and the Universal Copyright Convention (as revised on July 24, 1971). These rights and subject matter take effect in the relevant jurisdiction in which the License terms are sought to be enforced according to the corresponding provisions of the implementation of those treaty provisions in the applicable national law. If the standard suite of rights granted under applicable copyright law includes additional rights not granted under this License, such additional rights are deemed to be included in the License; this License is not intended to restrict the license of any rights under applicable law.

Creative Commons Notice

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, Creative Commons does not authorize the use by either party of the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time. For the avoidance of doubt, this trademark restriction does not form part of this License.

Creative Commons may be contacted at <http://creativecommons.org/>.

3.16 ngx-clipboard 8.1.1

3.16.1 Copyrights

Copyright (c) 2016 Sam Lin

3.16.2 Licenses

3.16.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.17 rxjs 5.4.2

3.17.1 Copyrights

Copyright Google Inc. All Rights Reserved.

Copyright (c) 2015-2017 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors

3.17.2 Licenses

3.17.2.1 *Apache-2.0*

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the

same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

3.17.2.2 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

3.18 zone.js 0.8.19

3.18.1 Copyrights

Copyright Google Inc. All Rights Reserved.
Copyright (c) 2016 Google, Inc.

3.18.2 Licenses

3.18.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN

THE SOFTWARE.

4. Finstack System One SVS400 4.5

4.1 bee-line 0.1.3

4.1.1 Licenses

4.1.1.1 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.2 browser-locale 1.0.0

4.2.1 Licenses

4.2.1.1 *BSD-3-Clause*

Copyright (c) {{YEAR}}, {{OWNER}}
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of {{the ORGANIZATION nor the names of its contributors}} may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY {{THE COPYRIGHT HOLDERS AND CONTRIBUTORS}} "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL {{THE COPYRIGHT HOLDER OR CONTRIBUTORS}} BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.3 clipboard 2.0.0

4.3.1 Copyrights

Copyright (c) Zeno Rocha

4.3.2 Licenses

4.3.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.4 eases 1.0.8

4.4.1 Copyrights

Copyright (c) 2014 Matt DesLauriers

4.4.2 Licenses

4.4.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.5 es6-promise 4.2.4

4.5.1 Copyrights

Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and contributors

4.5.2 Licenses

4.5.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.6 fin-webui 1.0.5

4.6.1 Copyrights

Copyright (c) 2017-2017 J2 Innovation Inc. All Rights Reserved

Copyright (c) 2006, 2008 Junio C Hamano

Copyright (c) J2 Innovation Inc. All Rights Reserved

4.6.2 Licenses

4.6.2.1 Unlicense

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

4.7 hammerjs 2.0.8

4.7.1 Copyrights

Copyright 2013 jQuery Foundation and other contributors

Copyright 2012-2013 The Dojo Foundation

Copyright 2009-2013 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

Copyright (c) 2016 Jorik Tangelder

Copyright (c) 2008 Ariel Flesler

Copyright (C) 2012 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2012 Mathias Bynens <mathias@qiwi.be>

Copyright (C) 2012 Kris Kowal <kris.kowal@cixar.com>

Copyright (C) 2012 Joost-Wim Boekesteijn <joost-wim@boekesteijn.nl>

Copyright (C) 2012 Arpad Borsos <arpad.borsos@googlemail.com>

Copyright (C) 2011-2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2011-2014 by Jorik Tangelder (Eight Media)

(c) James Halliday

(c) 2005, 2014 jQuery Foundation, Inc.

4.7.2 Licenses

4.7.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.7.2.2 BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY

WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.7.2.3 *BSD-2-Clause*

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.8 *Lodash 4.17.10*

4.8.1 *Copyrights*

Copyright (c) Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright (c) JS Foundation and other contributors
Copyright (c) 2009, The Dojo Foundation
Copyright (c) 2010-2016 Jeremy Ashkenas, DocumentCloud
Copyright (c) 2010-2011 Marcus Westin
Copyright (c) 2009-2016 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
Copyright (c) 2007-2007 , Parakey Inc. All rights reserved.
Copyright (c) 2006, Yahoo! Inc. All rights reserved.

4.8.2 *Acknowledgements*

To the extent files may be licensed under GPL-2.0, MIT or BSD-3, in this context MIT has been chosen. This shall not restrict the freedom of other users to choose GPL-2.0, MIT or BSD-3.

4.8.3 *Licenses*

4.8.3.1 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.8.3.2 Triple License

Released under the MIT, BSD, and GPL Licenses.

4.8.3.3 BSD 3-Clause

Software License Agreement (BSD License)

Copyright (c) 2007, Parakey Inc.
All rights reserved.

Redistribution and use of this software in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Parakey Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission of Parakey Inc.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

4.8.3.4 CC0-1.0

Creative Commons CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement

of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

4.8.3.5 GPL-2.0

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some

other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or

work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under

this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free

Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA. Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something

other than `show w' and `show c'; they could even be mouse-clicks or menu items-- whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

4.9 mobile-detect 1.3.5

4.9.1 Copyrights

Copyright (c) 2013-2013 Heinrich Goebel
Copyright (c) 2008-2011 Pivotal Labs

4.9.2 Licenses

4.9.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.10 moment-timezone 0.5.17

4.10.1 Copyrights

Copyright (c) JS Foundation and other contributors

4.10.2 Licenses

4.10.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.11 moment 2.22.2

4.11.1 Copyrights

Copyright (c) JS Foundation and other contributors

4.11.2 Licenses

4.11.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.12 Numeral 1.5.3

4.12.1 Copyrights

Copyright (c) 2012 Adam Draper

4.12.2 Acknowledgements

Acknowledgements

Numeral.js, while less complex, was inspired by and heavily borrowed from [Moment.js](<http://momentjs.com>)

4.12.3 Licenses

4.12.3.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.13 platform.js 1.3.5

4.13.1 Copyrights

Copyright 2014-2018 Benjamin Tan <<https://bnjmnt4n.now.sh/>>

Copyright 2011-2013 John-David Dalton <<http://allyoucanleet.com/>>

Copyright 2014-2018 Benjamin Tan <<https://demoneaux.github.io/>>

Copyright 2011-2013 John-David Dalton <<http://allyoucanleet.com/>>

4.13.2 Licenses

4.13.2.1 MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.14 query-string 4.1.0

4.14.1 Copyrights

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

4.14.2 Licenses

4.14.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.15 ractive-events-hover 0.3.0

4.15.1 Copyrights

Copyright (c) 2012 jQuery Foundation and other contributors Released under the MIT license.
<http://jquery.org/license>

Copyright (c) 2013-2015 Rich Harris

Copyright (c) 2013 James M. Greene

Copyright (c) 2012-2012 John Resig, Jörn Zaefferer

Copyright (c) 2010-2013 Takuto Wada

Copyright (c) 2008 Ariel Flesler - [aflesler\(at\)gmail\(dot\)com](mailto:aflesler(at)gmail(dot)com) | <http://flesler.blogspot.com>

Copyright (c) 2005-2010 Sam Stephenson Released under the MIT license.

<http://prototypejs.org>

Copyright (c) 2003 Robert Penner

4.15.2 Licenses

4.15.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.16 ractive-multiselect 0.2.6

4.16.1 Licenses

4.16.1.1 ISC

ISC License:

Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")

Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

4.16.1.2 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.17 ractive-tooltip 0.2.0

4.17.1 Licenses

4.17.1.1 ISC

ISC License:

Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")
Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

4.18 ractive-touch 0.4.0

4.18.1 Copyrights

Copyright (c) 2014+, Rico Sta. Cruz. Authored and maintained by Rico Sta. Cruz with help from [contributors].

4.18.2 Licenses

4.18.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.19 ractive-transitions-fade 0.3.1

4.19.1 Copyrights

Copyright (c) 2013-2015 Rich Harris.

Copyright (c) 2006 Google Inc.

4.19.2 Licenses

4.19.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.19.2.2 Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or

(ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

4.20 ractive-transitions-fly 0.3.0

4.20.1 Copyrights

Copyright (c) 2013-2015 Rich Harris

4.20.2 Licenses

4.20.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

4.21 ractive-transitions-slide 0.4.0

4.21.1 Copyrights

Copyright (c) 2013-2015 Rich Harris.
Copyright (c) 2006 Google Inc.

4.21.2 Licenses

4.21.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.21.2.2 Apache-2.0

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole,

provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and

limitations under the License.

4.22 ractive 0.8.14

4.22.1 Copyrights

Copyright (c) 2012-16 Rich Harris and contributors.

Copyright (c) 2003 Robert Penner

4.22.2 Licenses

4.22.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.23 smoothscroll-polyfill 0.4.3

4.23.1 Copyrights

Copyright (c) 2013 Dustan Kasten

4.23.2 Licenses

4.23.2.1 MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

4.24 tinycolor2 1.3.0

4.24.1 Copyrights

Copyright (c) 2005-2012 jQuery Foundation, Inc. and other contributors

Copyright (c) Brian Grinstead, <http://briangrinstead.com>

Copyright (c) 2008 Ariel Flesler - [aflesler\(at\)gmail\(dot\)com](mailto:aflesler(at)gmail(dot)com) | <http://flesler.blogspot.com>

4.24.2 Licenses

4.24.2.1 *MIT*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.