

# Life, Liberty, and the Pursuit of APlness

*The Secret to Happy Code*

Dylan Beattie

@dylanbeattie

[www.dylanbeattie.net](http://www.dylanbeattie.net)

DOTNEXT

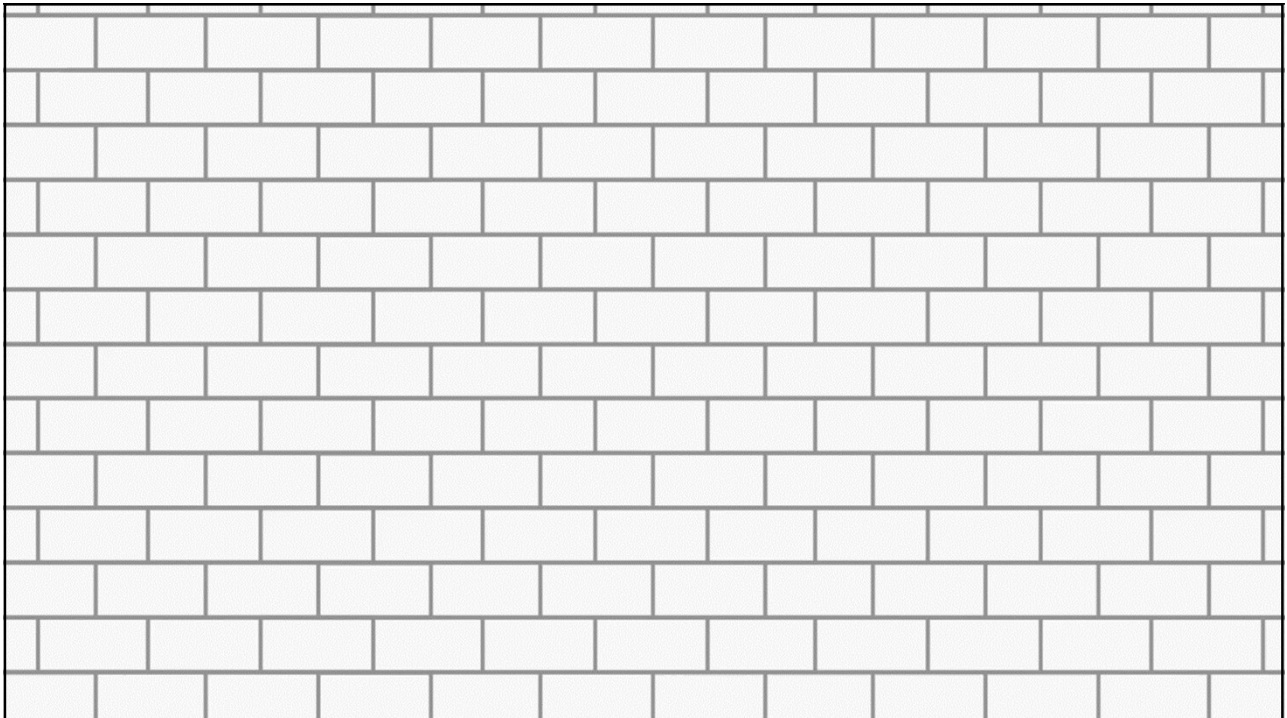
[www.youtube.com/dylanbeattie](http://www.youtube.com/dylanbeattie)

We're gonna build a  
**FRAMEWORK!**

'cos we wanna use one,  
but don't wanna choose one

We're gonna build a  
**FRAMEWORK!**

We didn't like the others,  
so we'll write another!





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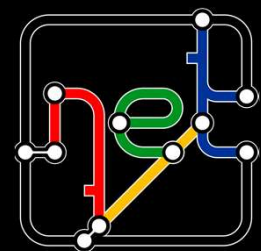
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 @dylanbeattie

- Building websites since 1992
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@LondonDotNet



# SPOTLIGHT

*The home of casting*

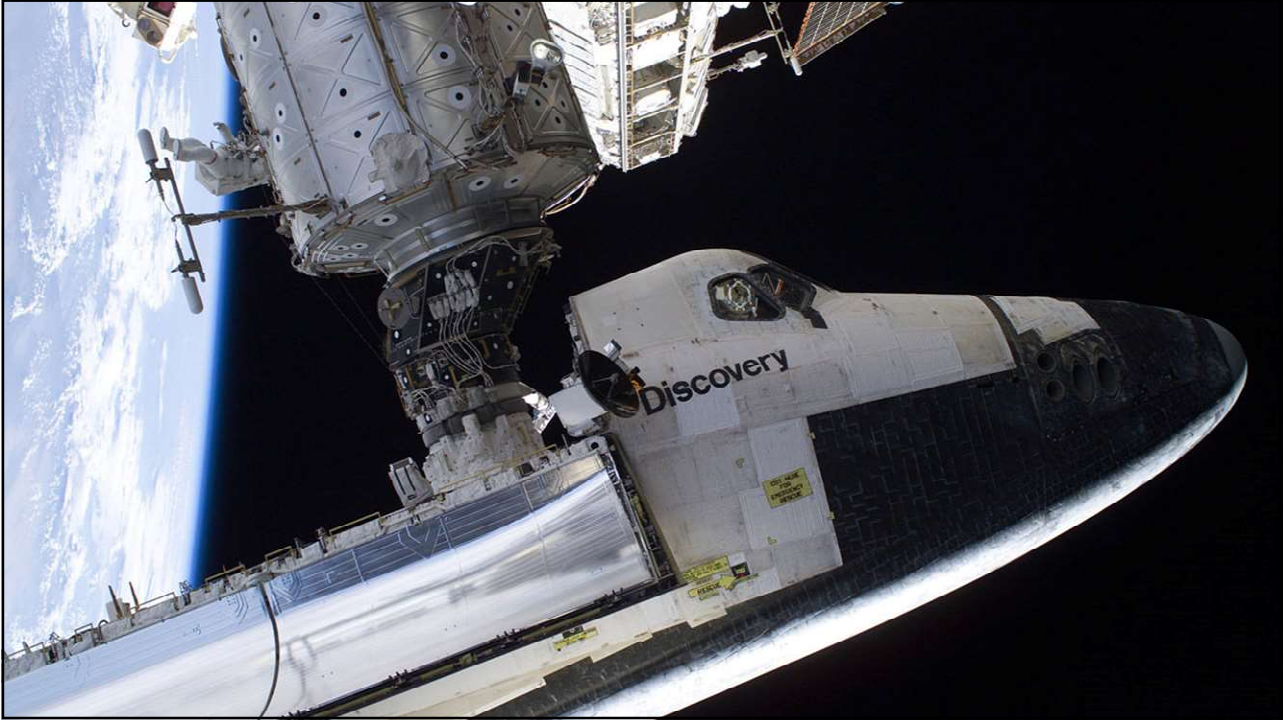
**We're hiring!**

**<http://jobs.spotlight.com/>**

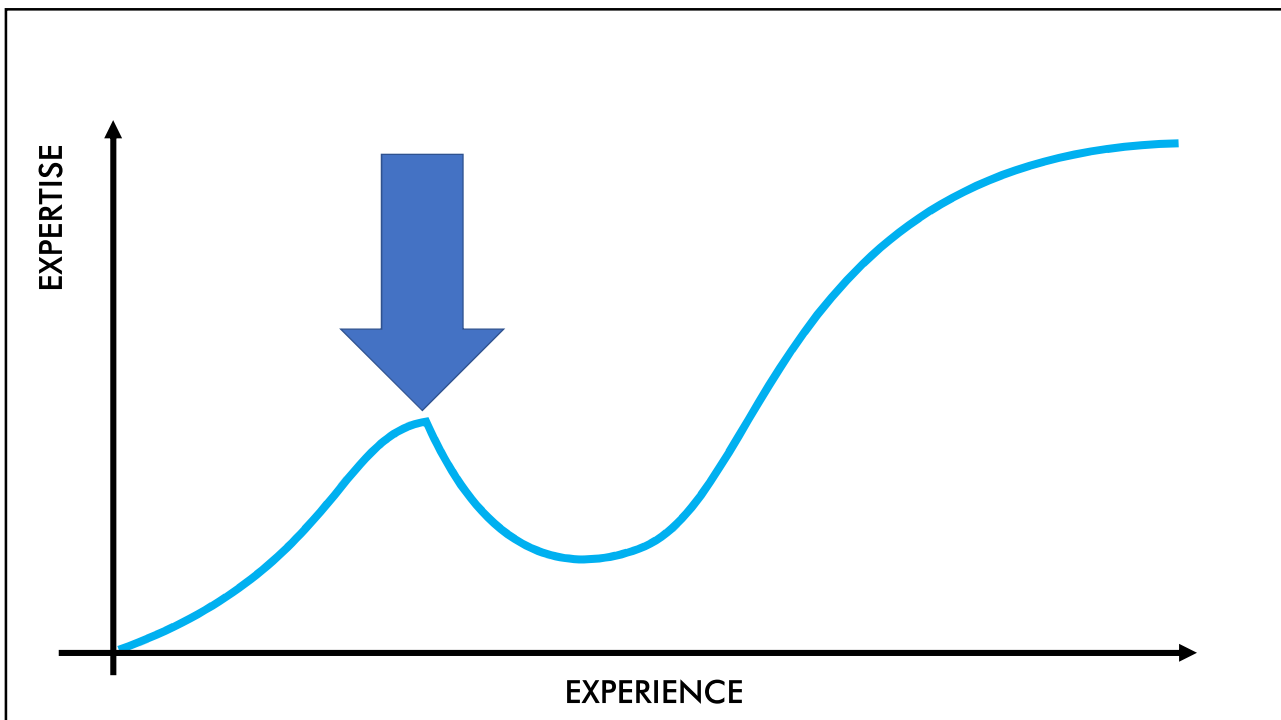
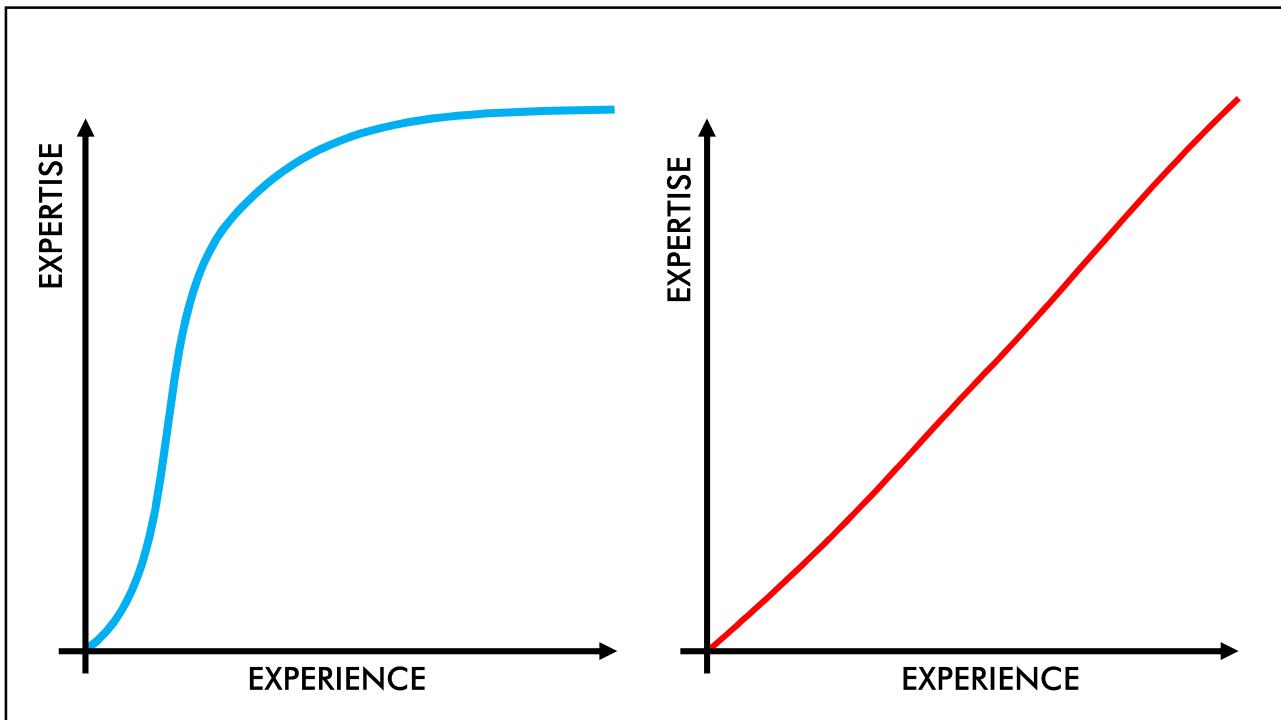


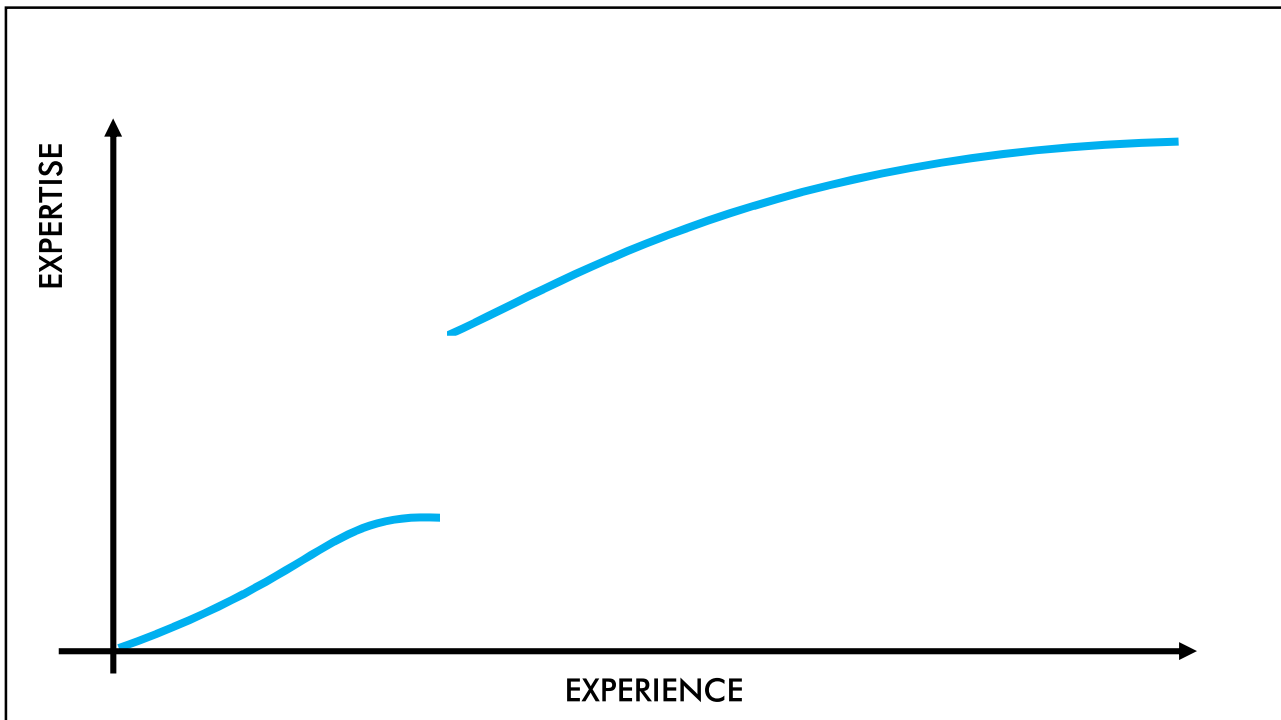
<http://starnewshq.deviantart.com/art/Comedy-and-Tragedy-325546823>





<http://www.mornota.com/beyniniz-gelistirin/>





Looks like you forgot to r... x

localhost:64011

### Server Error in '/' Application.

Looks like you forgot to register the http module `Castle.MicroKernel.Lifestyle.PerWebRequestLifestyleModule`. To fix this add

```
<add name="PerRequestLifestyle" type="Castle.MicroKernel.Lifestyle.PerWebRequestLifestyleModule, Castle.Windsor" />
```

to the `<httpModules>` section on your web.config.

Alternatively make sure you have `Microsoft.Web.Infrastructure, Version=1.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35` assembly in your GAC (it is installed by ASP.NET MVC3 or WebMatrix) and Windsor will be able to register the module automatically without having to add anything to the config file.

**Description:** An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

**Exception Details:** System.Exception: Looks like you forgot to register the http module `Castle.MicroKernel.Lifestyle.PerWebRequestLifestyleModule`

To fix this add

```
<add name="PerRequestLifestyle" type="Castle.MicroKernel.Lifestyle.PerWebRequestLifestyleModule, Castle.Windsor" />
```

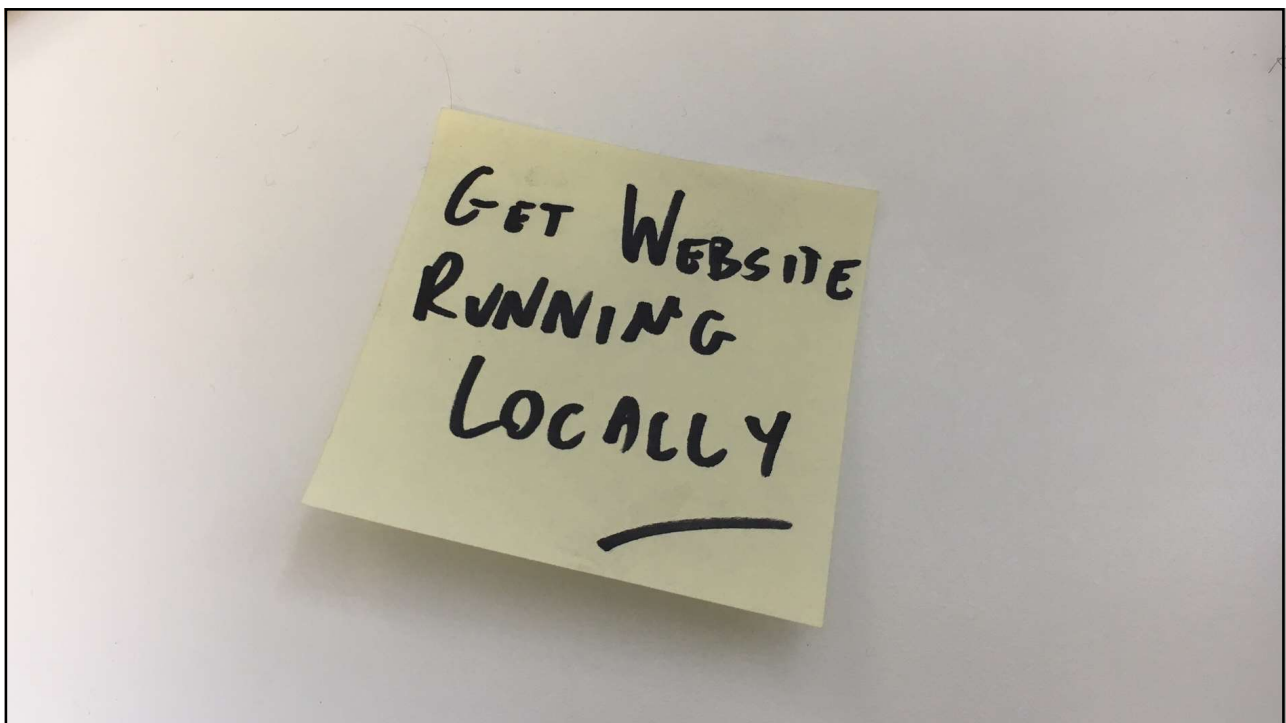
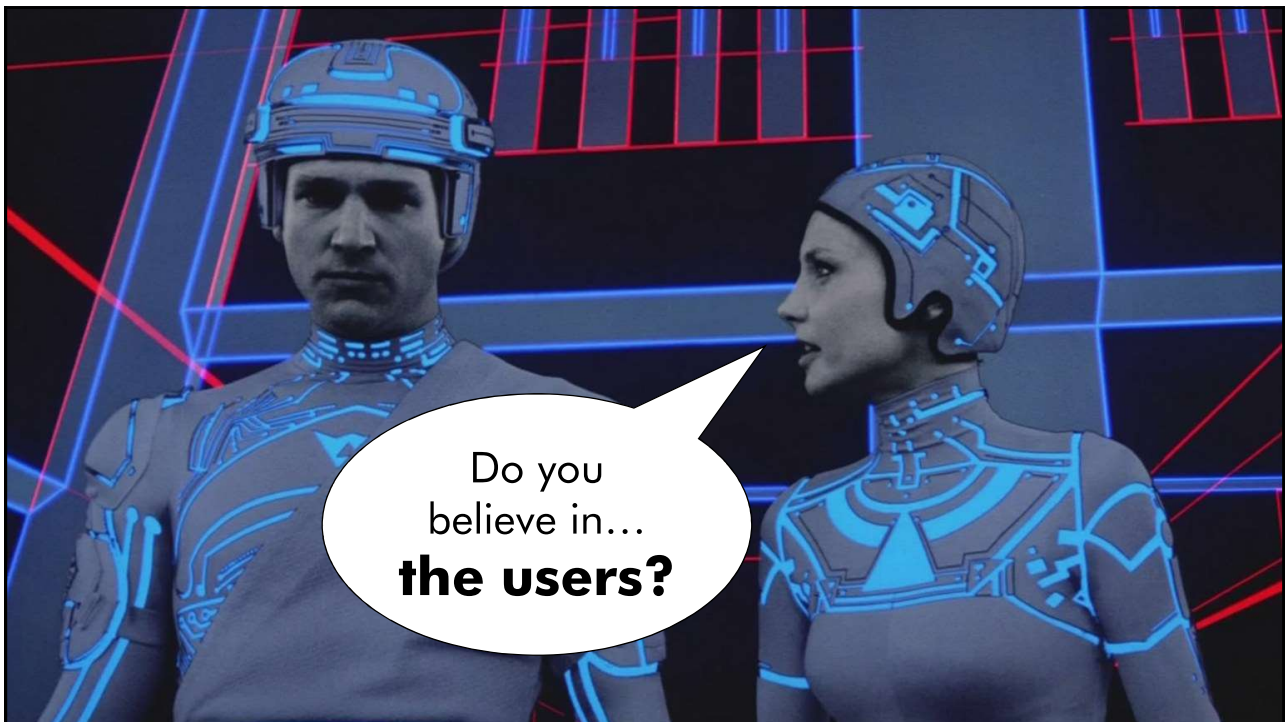
to the `<httpModules>` section on your web.config.

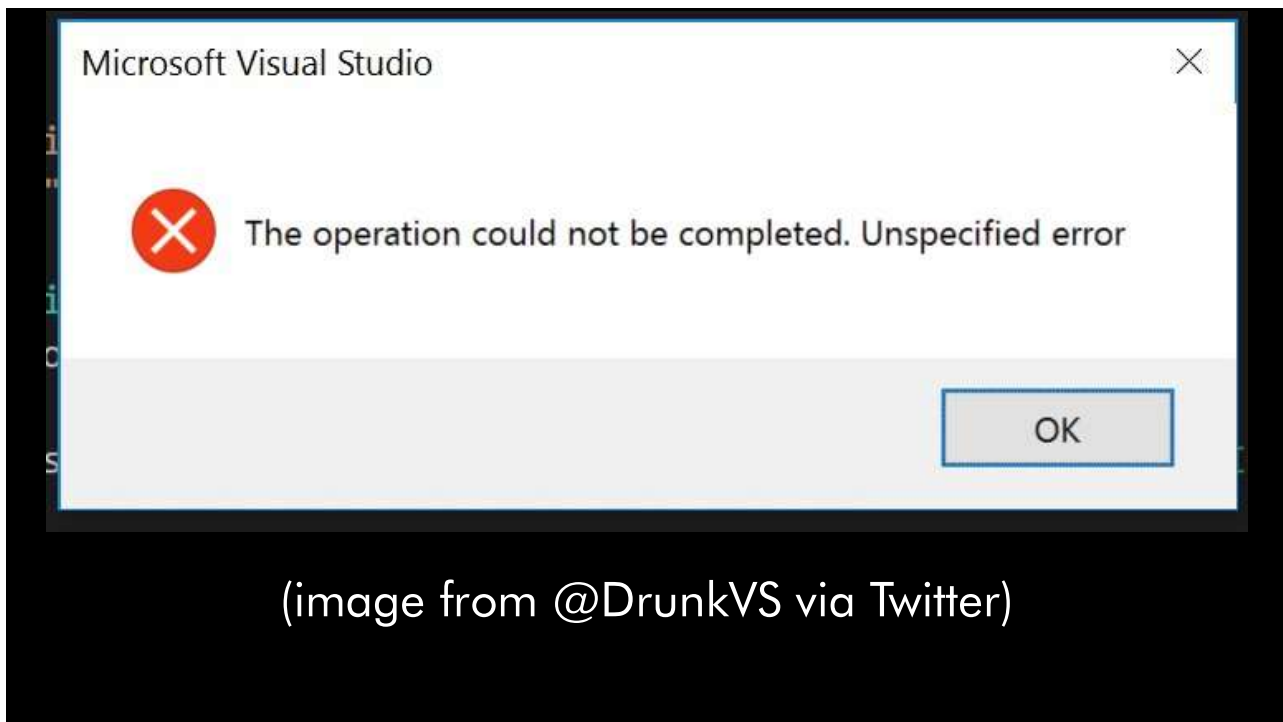
Alternatively make sure you have `Microsoft.Web.Infrastructure, Version=1.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35` assembly in your GAC (it is installed by ASP.NET MVC3 or WebMatrix) and Windsor will be able to register the module automatically without having to add anything to the config file.

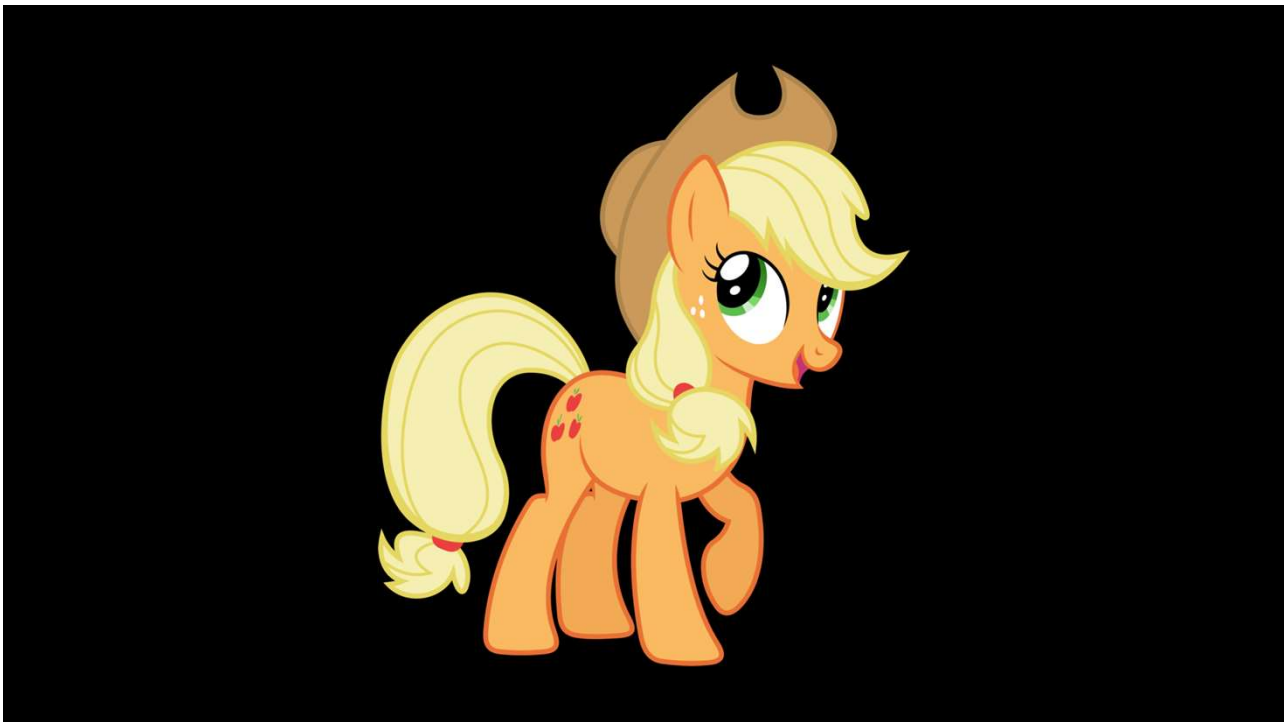
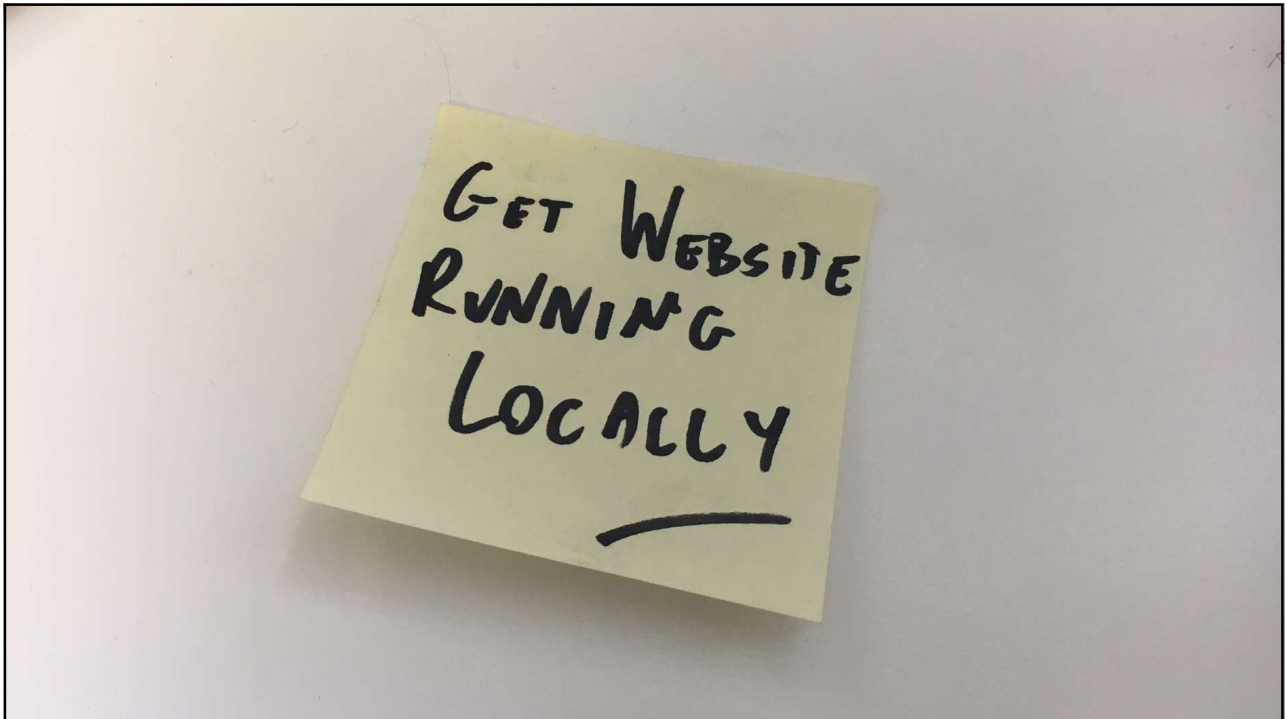
**Source Error:**

http://kozmec.pl











A>

```
A>hello
```

```
A>hello  
Bad command or file name
```

```
A>
```



```
A>hello
Bad command or file name

A>menu
```

```
A>hello
Bad command or file name

A>menu
Bad command or file name

A>
```

```
A>hello  
Bad command or file name
```

```
A>menu  
Bad command or file name
```

```
A>help
```

```
A>hello  
Bad command or file name
```

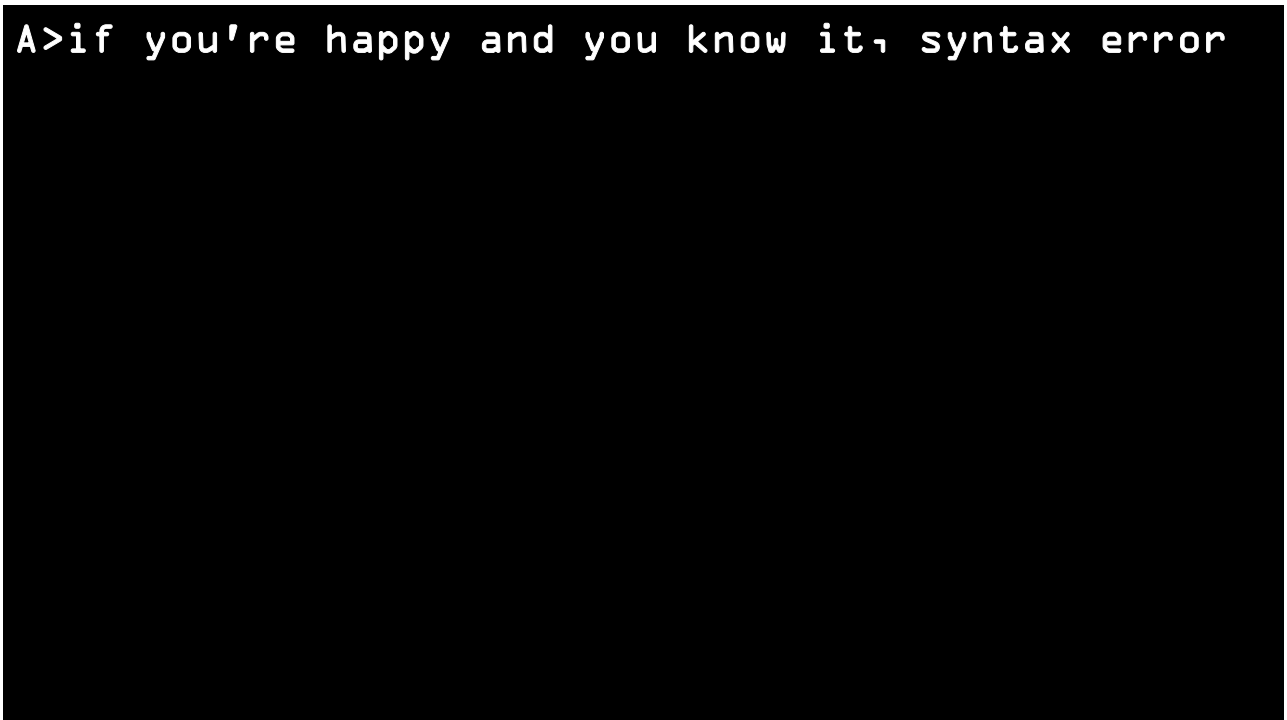
```
A>menu  
Bad command or file name
```

```
A>help  
Bad command or file name
```

```
A>
```



A>



A>if you're happy and you know it, syntax error

```
A>if you're happy and you know it, syntax error  
Syntax error
```

```
A>
```

```
A>if you're happy and you know it, syntax error  
Syntax error
```

```
A>if you're happy and you know it, syntax error
```

```
A>if you're happy and you know it, syntax error  
Syntax error
```

```
A>if you're happy and you know it, syntax error  
Syntax error
```

```
A>
```

```
A>if you're happy and you know it, syntax error  
Syntax error
```

```
A>if you're happy and you know it, syntax error  
Syntax error
```

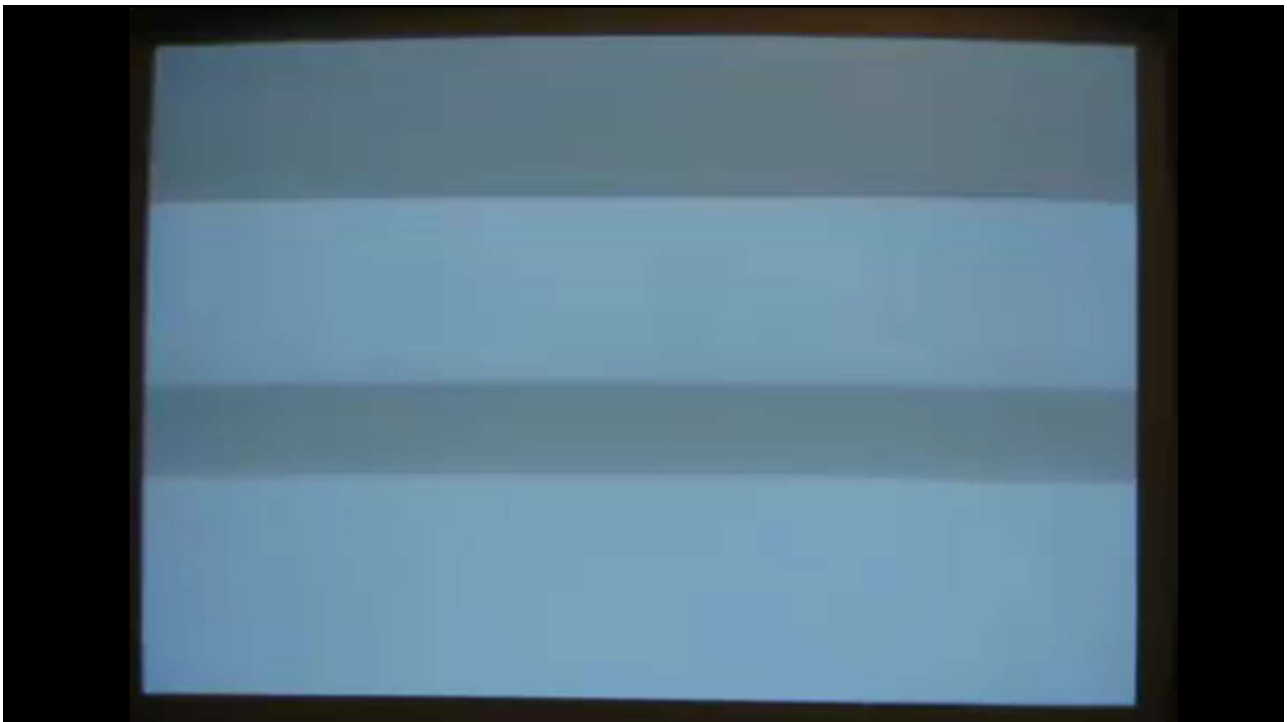
```
A>if you're happy and you know it and you really  
want to show it if you're happy and you know it  
syntax error
```

```
A>if you're happy and you know it, syntax error  
Syntax error
```

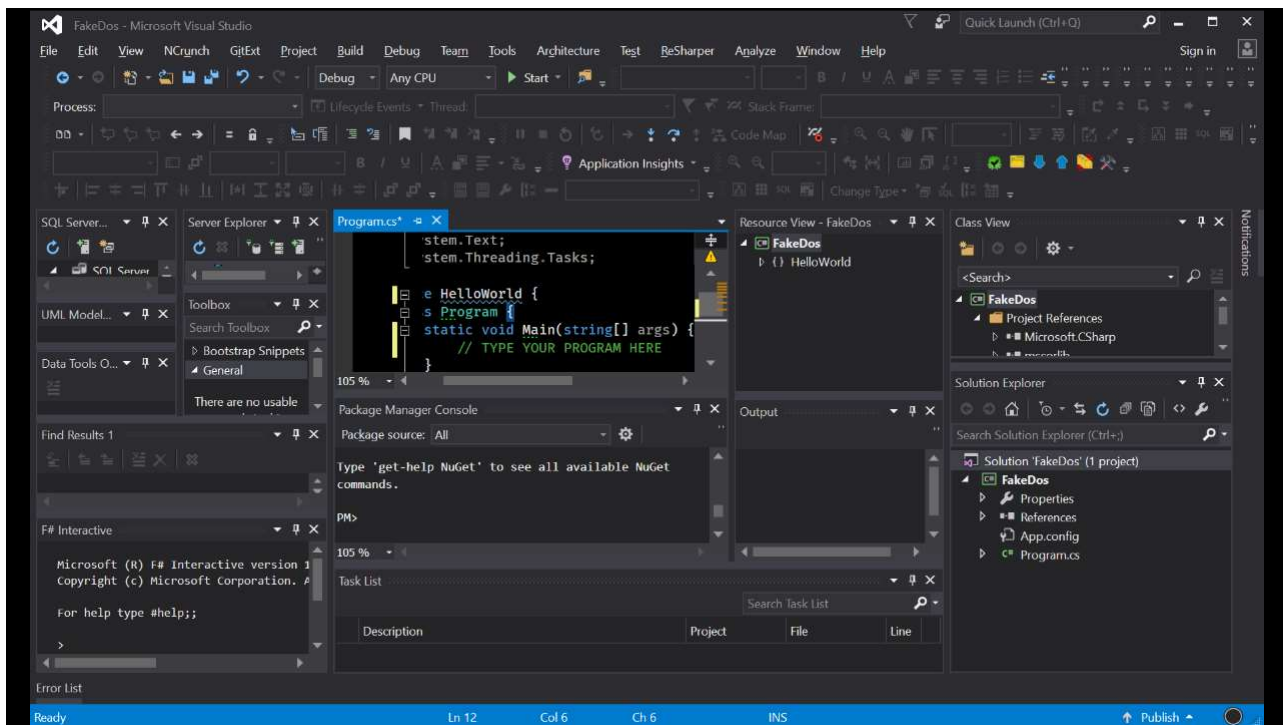
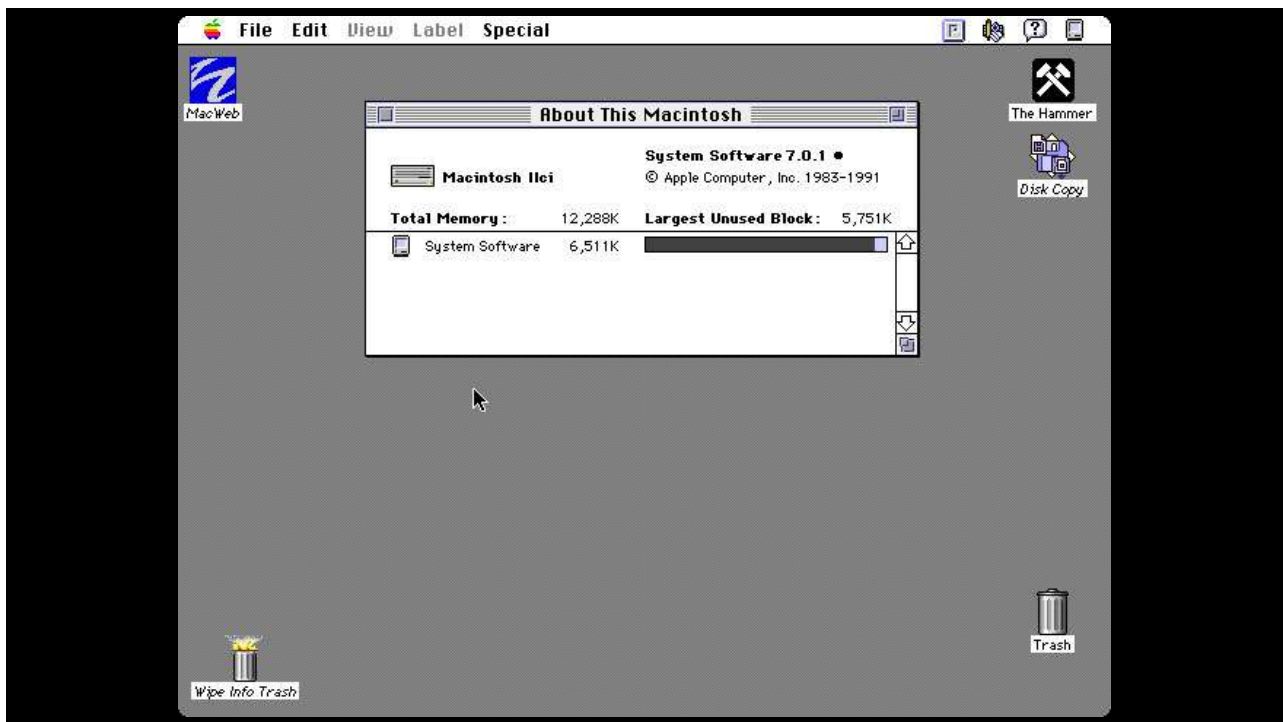
```
A>if you're happy and you know it, syntax error  
Syntax error
```

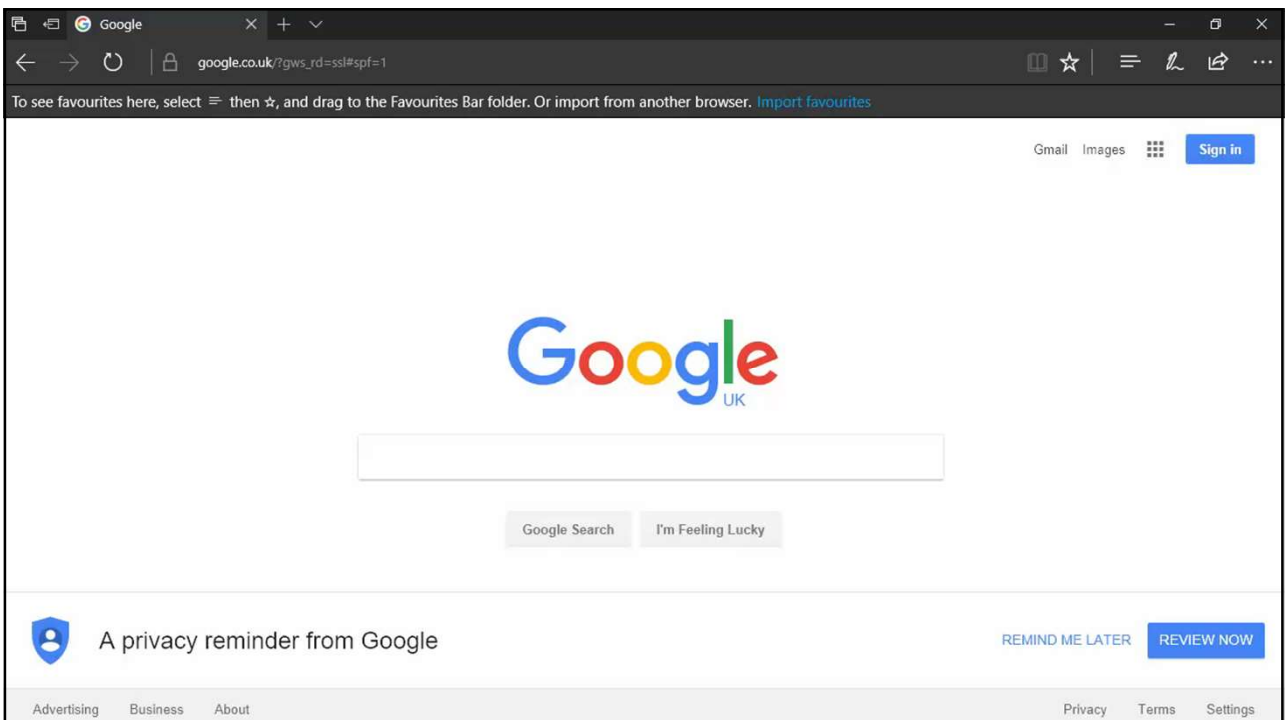
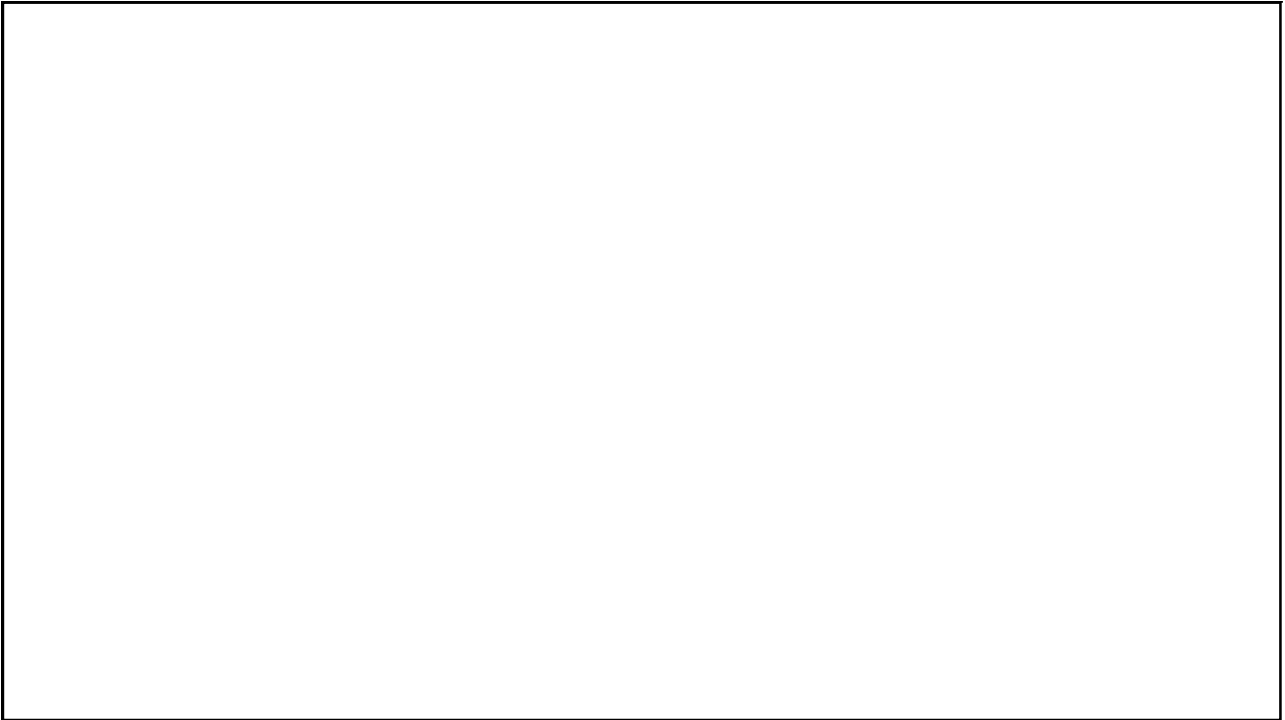
```
A>if you're happy and you know it and you really  
want to show it if you're happy and you know it  
syntax error  
Syntax error
```

```
A>
```









```
namespace HappyCode {  
    class Program {  
        static void Main(string[] args) {  
  
        }  
    }  
}
```

```
namespace HappyCode {  
    class Program {  
        static void Main(string[] args) {  
        }  
    }  
}
```



## Spotlight API Explorer

Use this tool to explore the Spotlight API and test your API calls.

Username Password Server

agentapi.testuser ..... <https://stagingaws-agentapi.spotlabs.uk>

[test](#) | [live](#)

Endpoint

/|

API:

version 2 ▾

Go

[/agentapi/whoami](#)

GET <https://stagingaws-agentapi.spotlabs.uk/>

0 error

undefined





## Server Error in '/' Application.

### *Request timed out.*

**Description:** An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

**Exception Details:** System.Web.HttpException: Request timed out.

#### **Source Error:**

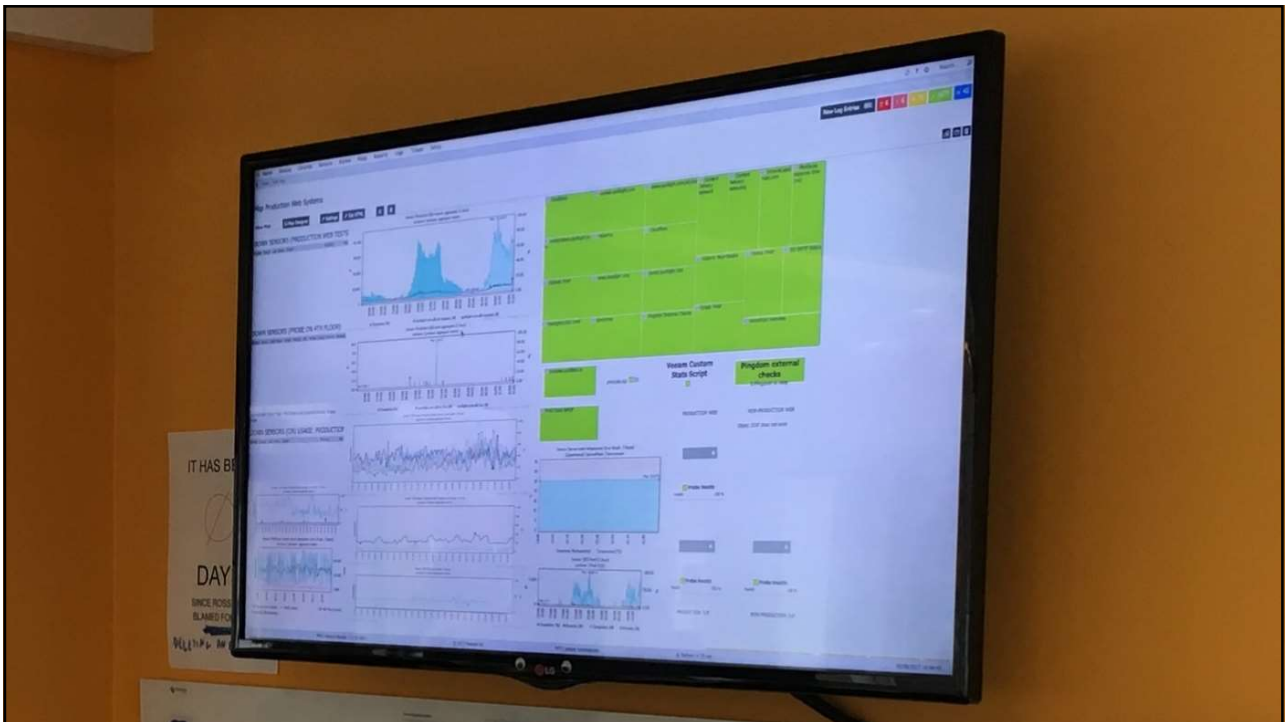
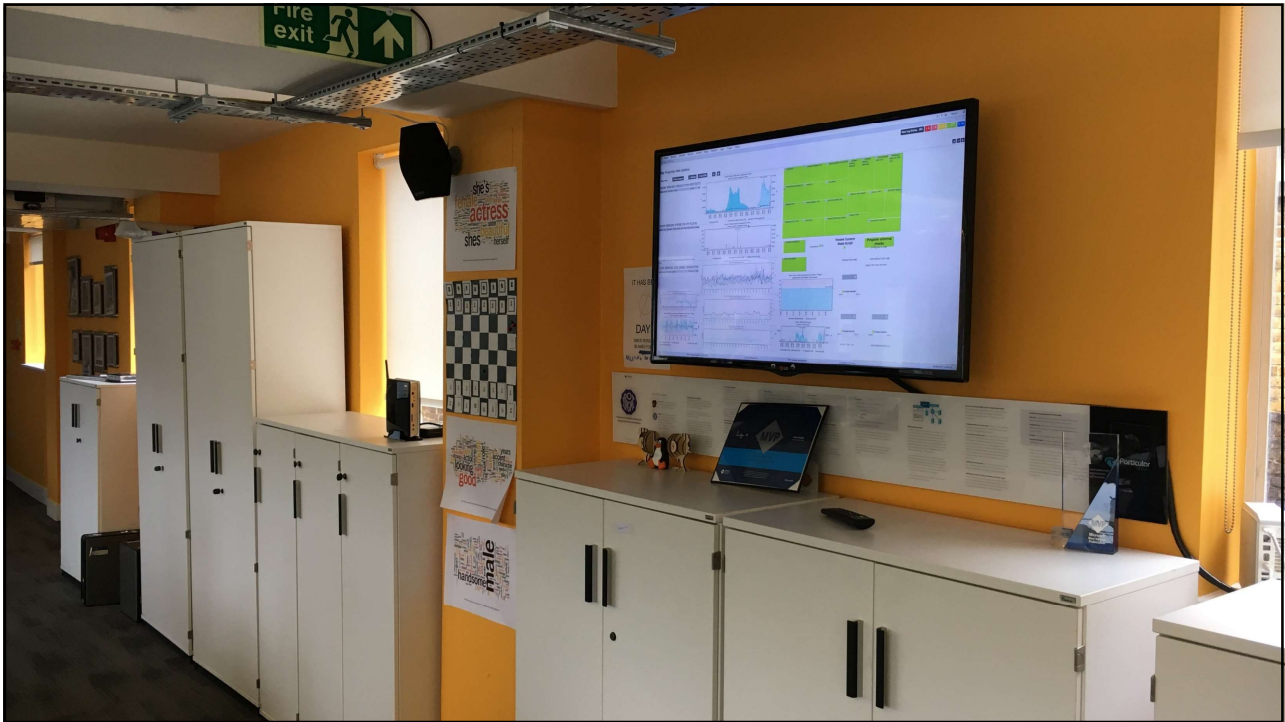
An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

#### **Stack Trace:**

```
[HttpException (0x80004005): Request timed out.]
System.Web.HttpContext.InvokeCancellableCallback(WaitCallback callback, Object state) +4862152
System.Web.UI.<ProcessRequestAsync>d__2c.MoveNext() +455
System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) +144
System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) +84
System.Web.TaskAsyncHelper.EndTask(IAsyncResult ar) +98
System.Web.CallHandlerExecutionStep.System.Web.HttpApplication.IExecutionStep.Execute() +606
System.Web.HttpApplication.ExecuteStep(IExecutionStep step, Boolean& completedSynchronously) +288
```

**Version Information:** Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.0.30319.34274





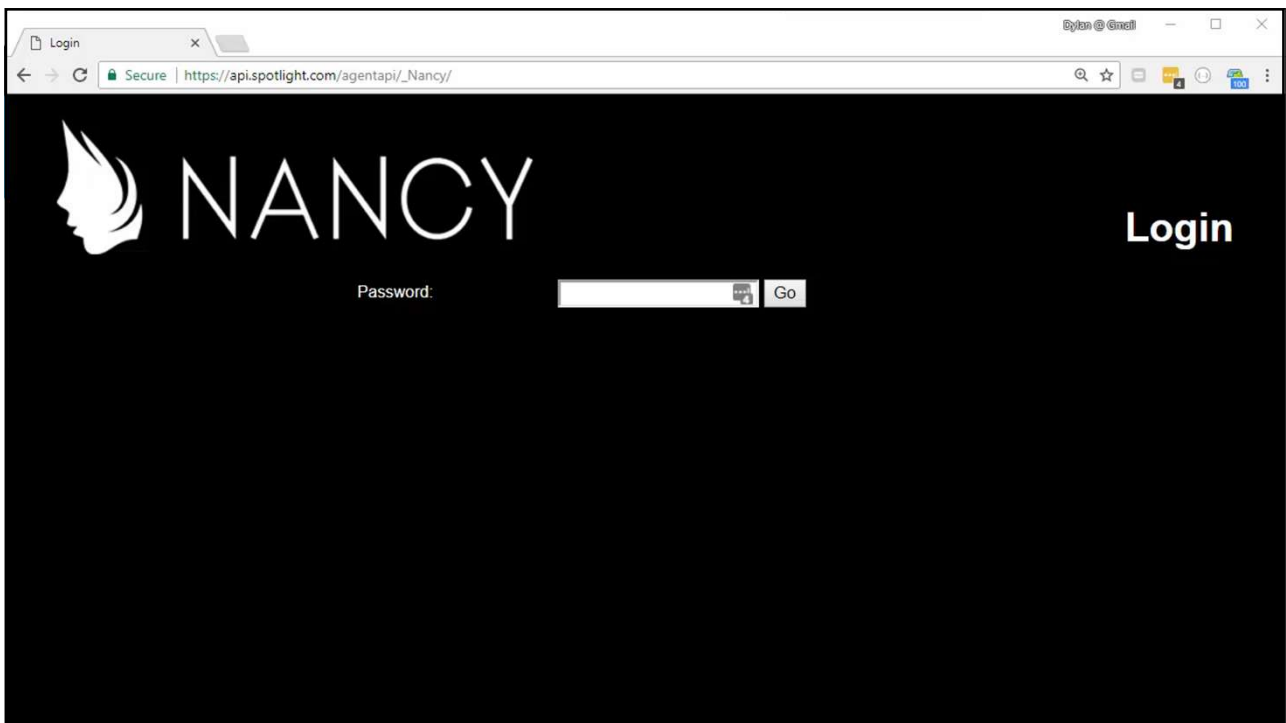






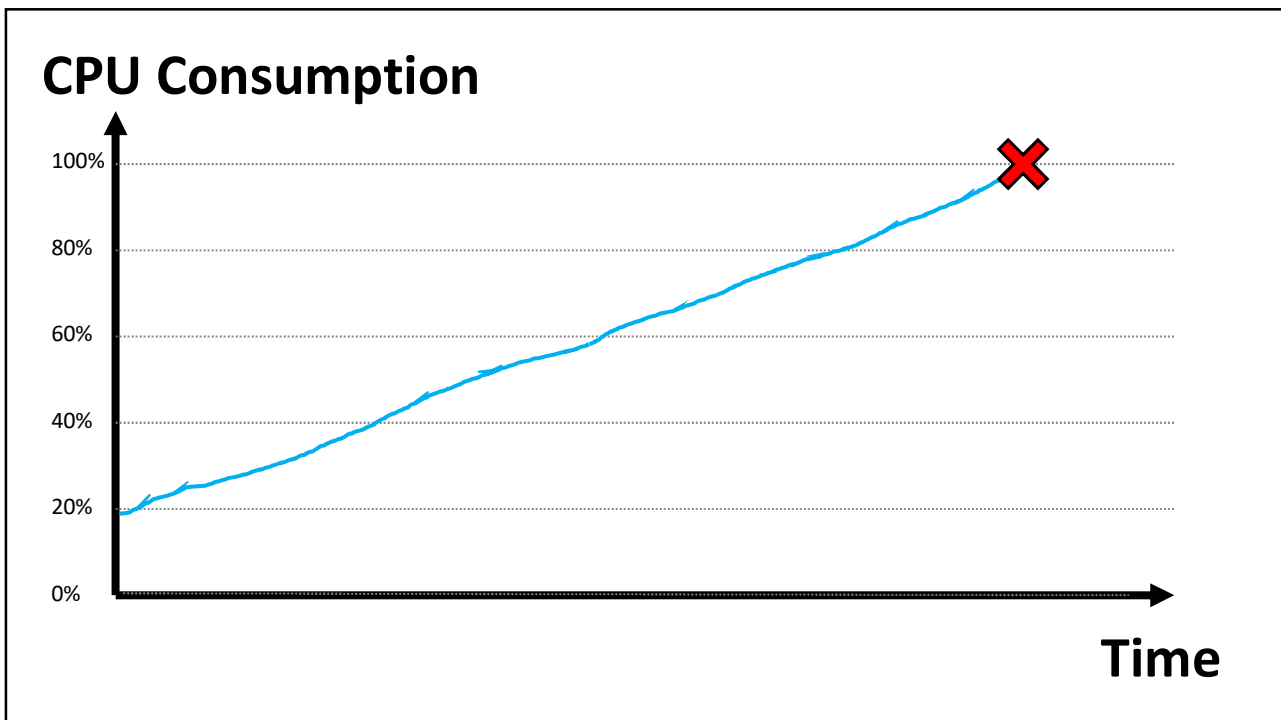
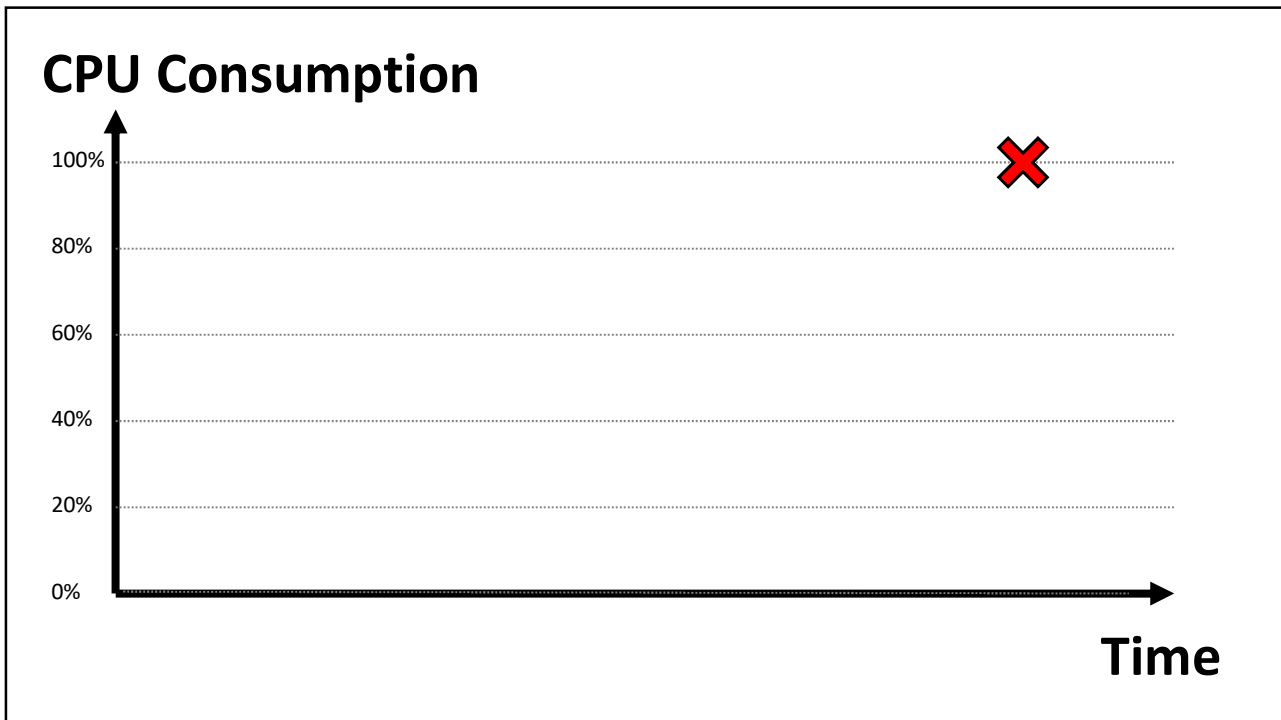


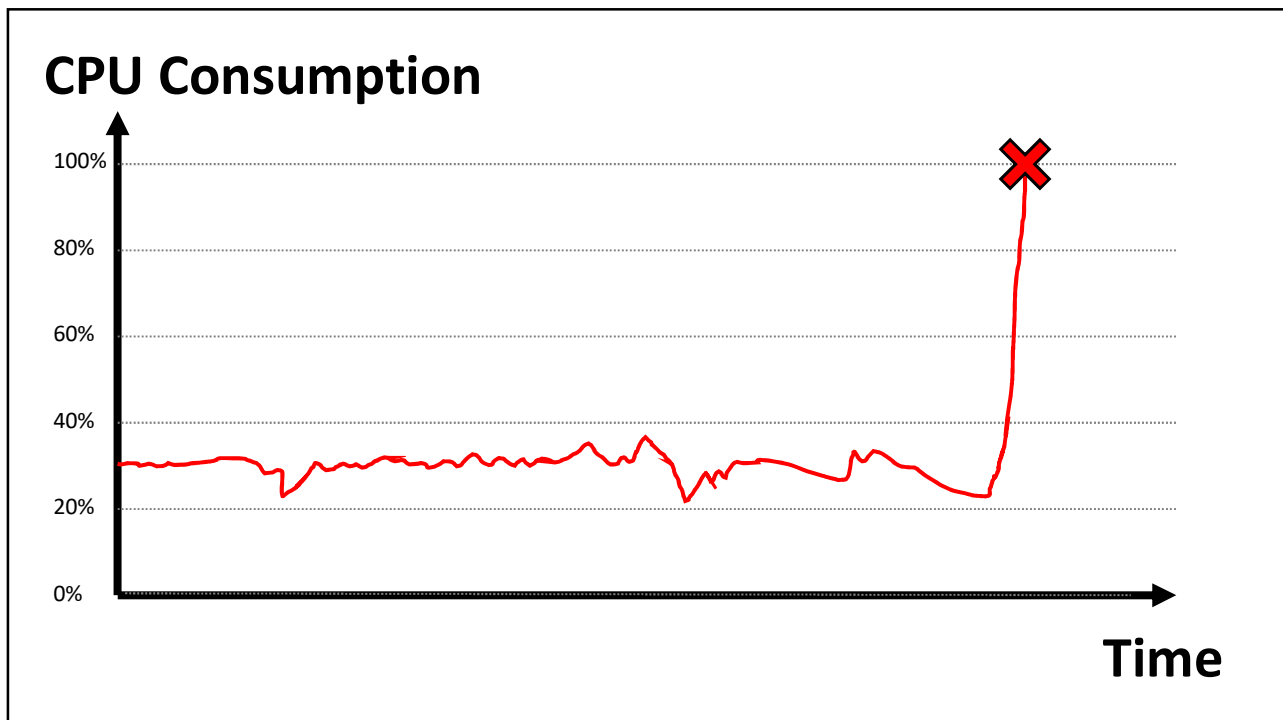
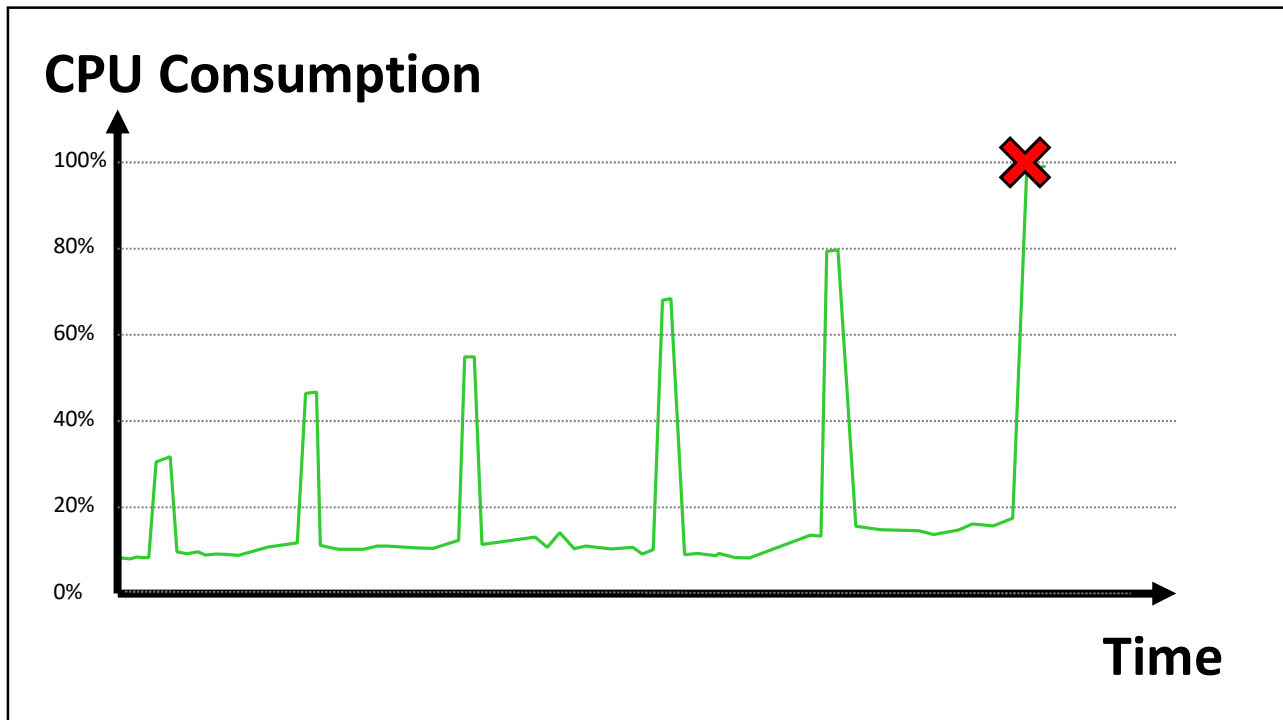
<https://practicalmotoring.com.au/car-advice/common-car-warning-lights-explained/>

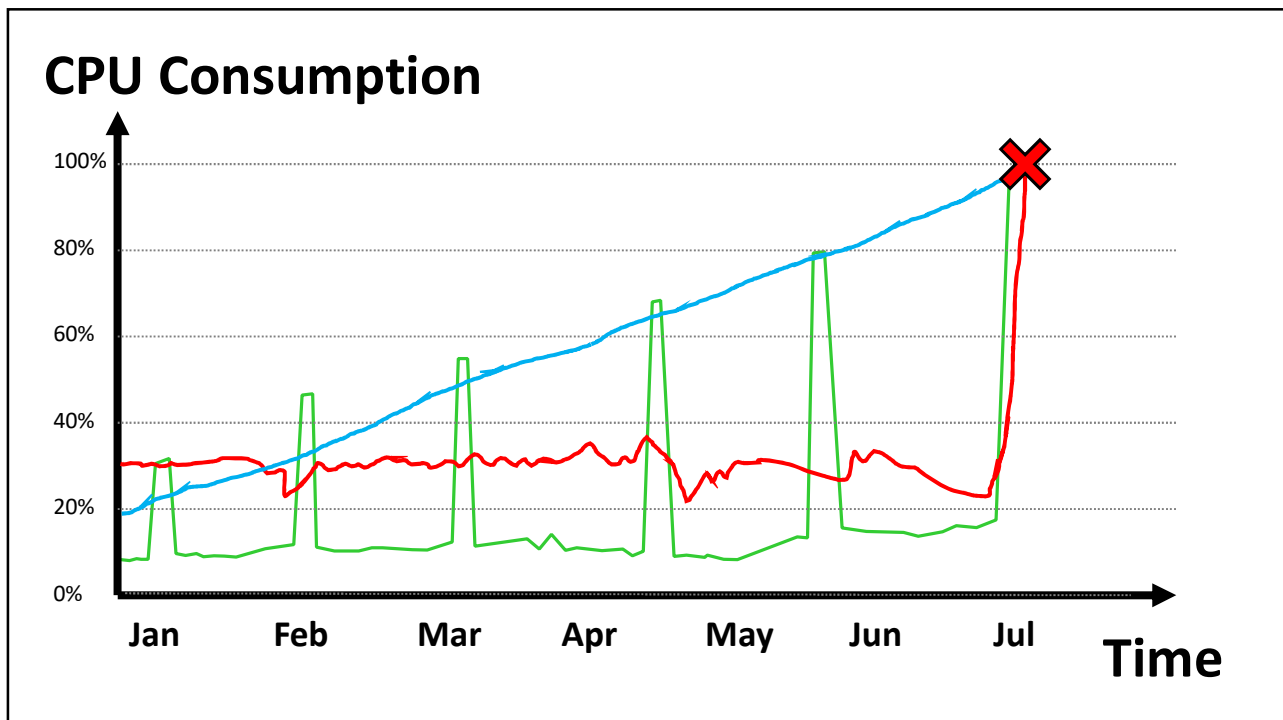
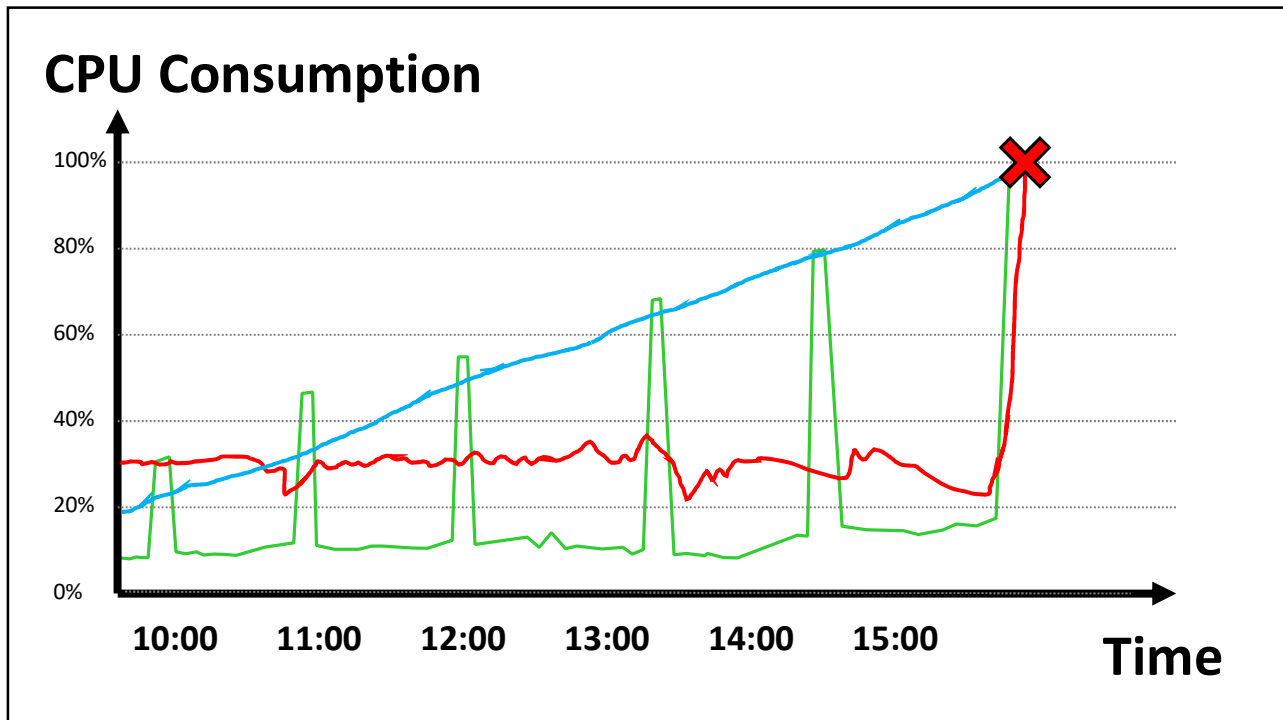




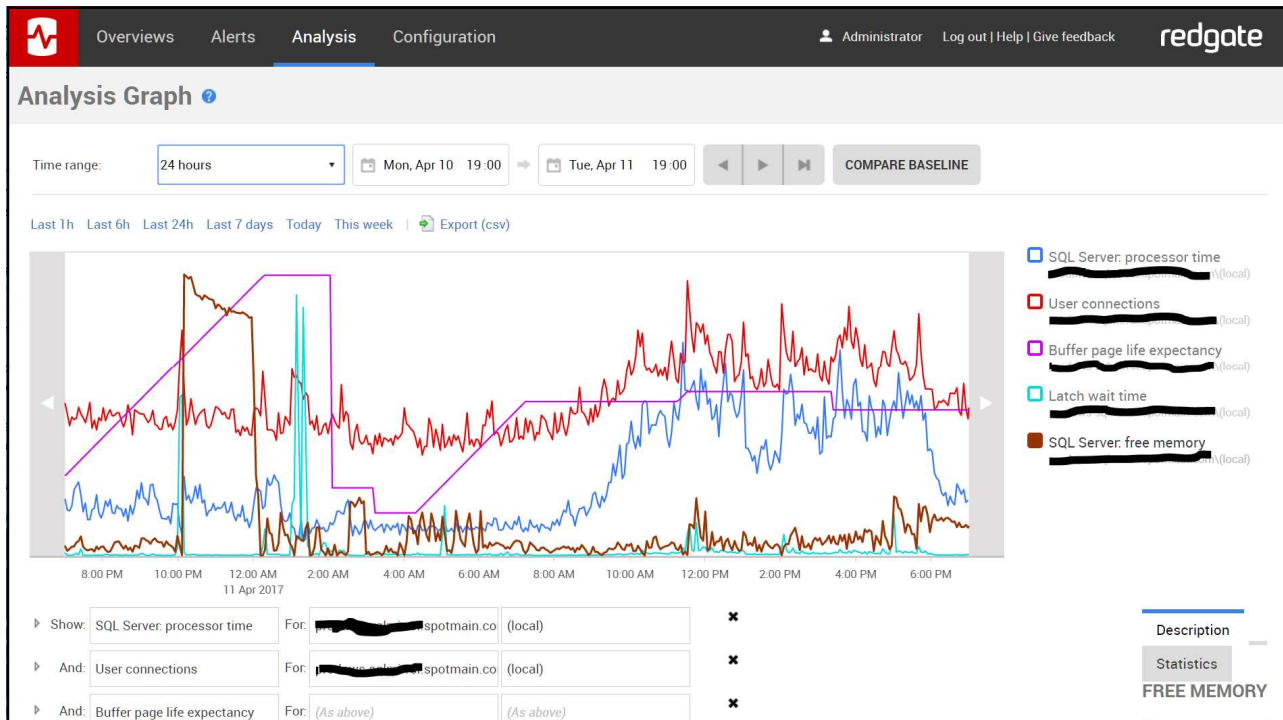












FATAL

ERROR

WARN

INFO

DEBUG

# FATAL

- Application is completely unresponsive
- Multiple users affected with immediate effect
- Immediate attention. Stop what you're doing and look into it.

# ERROR & WARN

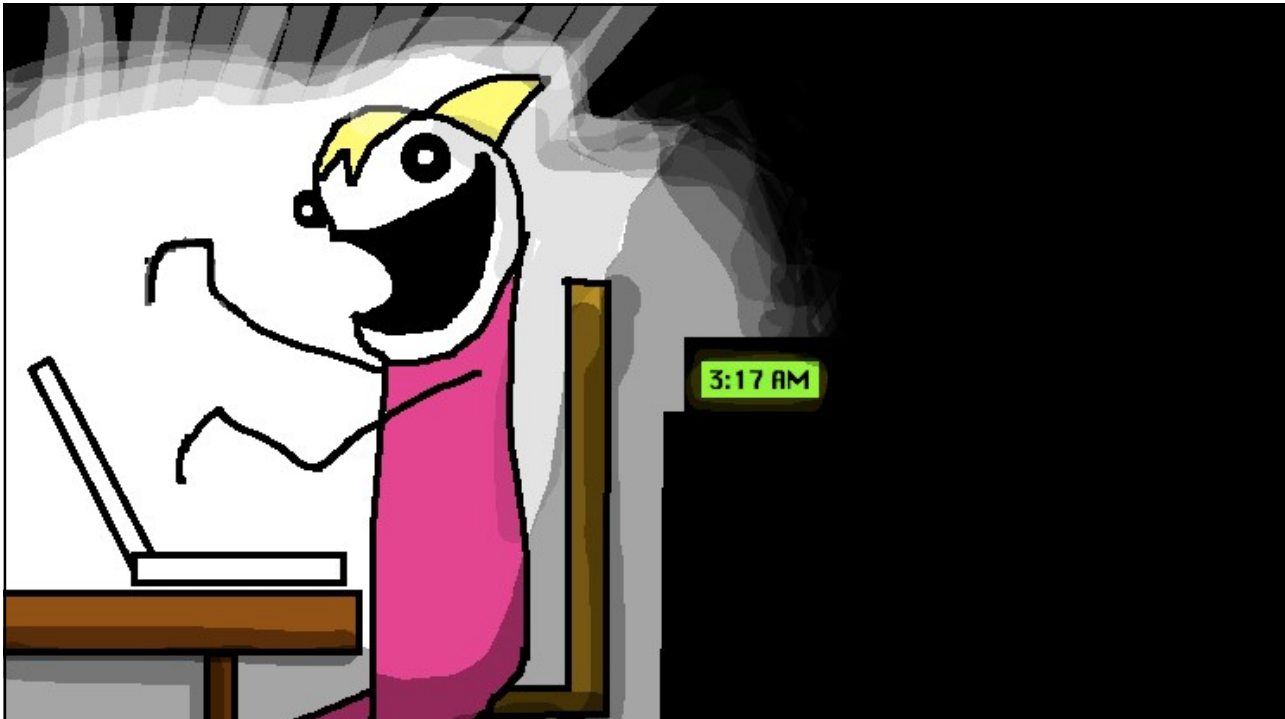
- They *will* happen.
- **ERROR** – one person noticed, maybe?
- **WARN** – nobody noticed but it's still odd.
- Individual messages probably aren't useful



## INFO

- Everything's fine
- Startup, shutdown, cache recycle
- In a perfect world, **INFO** is all you'll ever see.





~~log.Fatal~~ Wake\_Me\_Up\_At\_4AM\_On\_A\_Sunday()

~~Log.Error~~ Apologize\_To\_User\_And\_Raise\_A\_Ticket()

~~log.Warn~~ Make\_A\_Note\_In\_Case\_It\_Happens\_Again()

~~log.Info~~ Everything\_Is\_Fine\_Just\_Checking\_In()

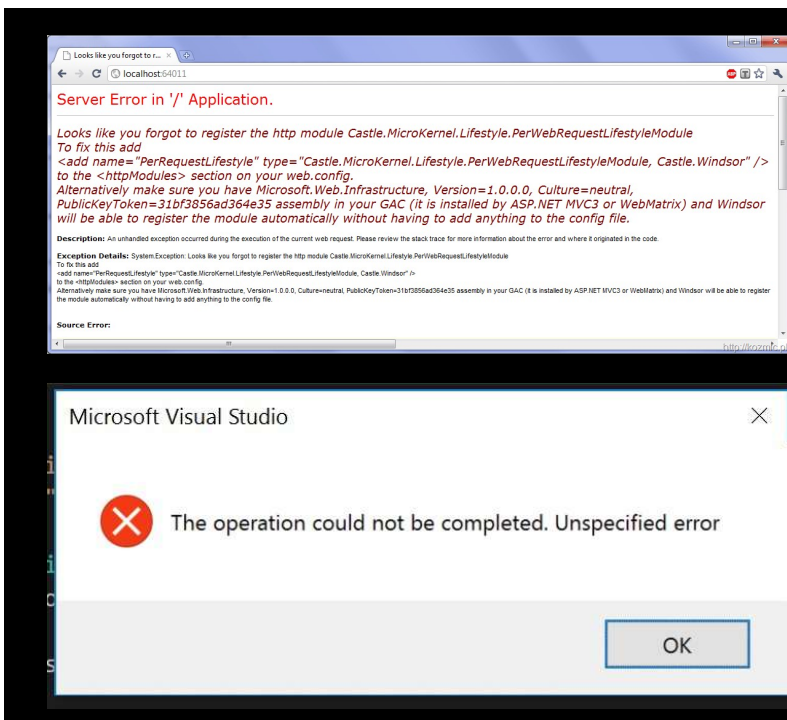
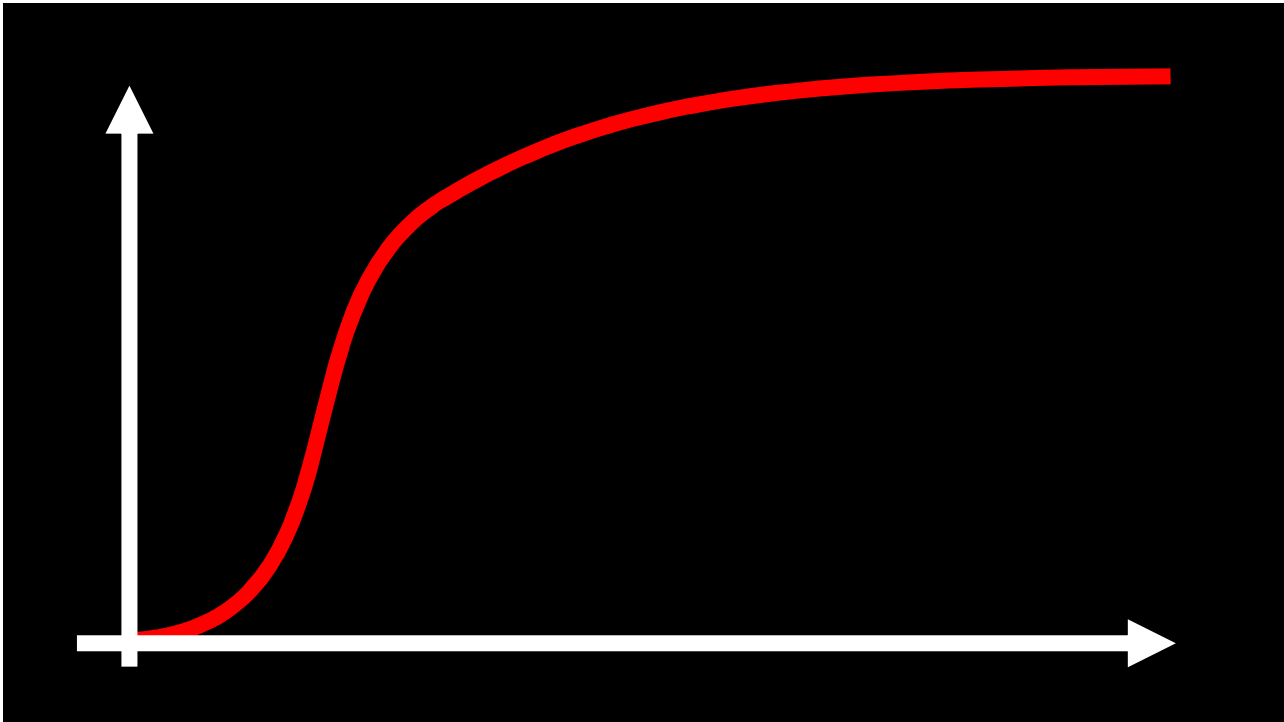
~~log.Debug~~ Fill\_My\_C\_Drive\_With\_Stack\_Traces()

Adapted from a post by Daniel Lebrero / <https://labs.ig.com/logging-level-wrong-abstraction>

# The Rules of Happy Code









Oxfordian Kissuth via Wikimedia Commons : [https://commons.wikimedia.org/wiki/File:Hyde\\_Park\\_sign\\_post.jpg](https://commons.wikimedia.org/wiki/File:Hyde_Park_sign_post.jpg)





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**DOTNEXT**