

The Elsevier XML DTD 5 Family
The Elsevier Book DTD



Tag by Tag
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The Elsevier Book DTD

**Bill Bernickus, Jos Migchielsen,
Simon Pepping and Rob Schrauwen**

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Correspondence to:

Rob Schrauwen
Director, Central Application Management, Global Production
Elsevier
Radarweg 29
1043 NX Amsterdam
Netherlands
Email: r.schrauwen@elsevier.com

The authors are members of Elsevier's DTD Development & Maintenance Team. That team is responsible for development, maintenance and support of the Elsevier DTDs and XML schemas. Comments about the DTDs and their documentation, as well as change requests, can be sent to the team. Change requests will be considered for implementation in a future DTD.

The Elsevier DTDs, schemas, and a fully clickable PDF file of this documentation are available via <http://www.elsevier.com/locate/xml>.

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Chapter 1

Elsevier Book DTD

This chapter contains an alphabetic listing of the elements in the Elsevier Book DTD. This DTD has the following top-level elements: `book`, `chapter`, `simple-chapter`, `examination`, `fb-non-chapter`, `glossary`, `index`, `introduction`, `bibliography`. These top-level elements provide the option to define the *structure* of the book (`book`) and the *content* of the book (the other top-level elements). The former contains metadata and hierarchy of the book project, and it “calls” the chapters, the index, etc. using the `ce:include-item` element. This is why it is often referred to as the “hub” of the book.

In serial publications, items and issue hubs are structured with two different DTDs, the JA DTD and the SI DTD. This is due to historical reasons. In a future release, all doctypes could be combined into one file. In the Elsevier Book DTD, all aspects are supported.

CEP version used in this DTD

The Elsevier Book DTD versions 5.2.0 and 5.2.1 described in this documentation make use of common element pool 1.1.3. The previous versions of these DTDs, EHS Books DTD v5.1.0 and v5.1.1, made use of common element pools 1.1.2 and 1.1.3, respectively.

Parameter entities

The Elsevier Book DTD 5.2 and the Elsevier Book DTD 5.2 use the local parameter entities `%local.spar.data`; and `%local.par.data`; to add element `ce:index-flag` to parameter entities `%spar.data`; and `%par.data`; . The effect is that `ce:index-flag` can be used in any element that has `%spar.data`; or `%par.data`; in its model. In the same way it adds `ce:br` to parameter entity `%textfn.data`;

```
<!ENTITY % local.spar.data    "| ce:index-flag">
<!ENTITY % local.par.data     "| ce:index-flag">
<!ENTITY % local.textfn.data  "| ce:br">
```

bibliography

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT bibliography      ( info, ce:label?, ce:further-
                             reading* )>
<!ATTLIST bibliography
  id                ID                #REQUIRED
  xmlns             CDATA             #FIXED %ESBK.xmlns;
  version           CDATA             #FIXED '5.2'
  xmlns:ce          CDATA             #FIXED %ESCE.xmlns;
  xmlns:xlink       CDATA             #FIXED %XLINK.xmlns;
  xml:lang          %language;        'en'
  role              CDATA             #IMPLIED
  docsubtype        %docsubtype;     #FIXED "bib">
```

Description

The element `bibliography` is used to capture book-level bibliographies that sometimes appear in a book's back matter.

Usage

The `bibliography` element is used to capture a book-level bibliography when they appear in the back matter of a book. When used, `bibliography` will always appear as a top-level element, with its own DOCTYPE declaration/PUBLIC identifier appearing at the top of the XML file. A `bibliography` gets called into the book's hub XML file by a `ce:include-item` element.

Content for `bibliography` consists of required `info` followed by optional `ce:label` and optional/repeatable `ce:further-reading`.

It has an optional `role`, along with several required attributes:

- `xmlns` `http://www.elsevier.com/xml/book/dtd`
- `version` `5.2`
- `xmlns:ce` `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink` `http://www.w3.org/1999/xlink`
- `xml:lang` `en`
- `id`
- `docsubtype` `bib`.

XML

```
<!DOCTYPE bibliography PUBLIC "-//ES//DTD book DTD
  version 5.2.0//EN//XML" "book520.dtd" []>
<bibliography docsubtype="bib" id="bibliog">
  <info>
    <ce:pII>B978-0-323-01679-7.10003-8</ce:pII>
    <ce:isbn>978-0-323-01679-7</ce:isbn>
    <ce:copyright type="full-transfer" year="2003">Mosby, Inc.</ce:copyright>
  </info>
  <ce:further-reading>
```



```
    <ce:section-title>Bibliography</ce:section-title>
    ...
  </ce:further-reading>
</bibliography>
```

Version history

In the Elsevier Book DTD 5.2.0 the optional attribute `role` and optional subelement `ce:label` were added, and `ce:further-reading` was made optional/repeatable to allow for Ultra-light delivery of book backfile projects.

body

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT body ( volume | part | section | ce:include-
                item )+>
```

Description

The element `body` is used to capture all of the material that appears between the front and rear of Elsevier books.

Usage

The `body` element is used to delimit and capture the material that appears between the front and rear in Elsevier books. It consists of required and repeatable `volumes` and/or `parts` and/or `sections` and/or `ce:include-items`.

The element `body`, child of `book`, appears in the hub file for the book. If present, any hierarchy above chapters (e.g. volume, parts, sections) should also be captured using this content model within the hub file.

Lower-level items (doctypes chapter, introduction, examination, and in very rare cases bibliography) within the body get called in to the hub file using `ce:include-item` elements. Other doctypes may not be called into `body`.

XML

```
<body>
  <volume id="vI"><ce:label>Volume I</ce:label>
    <part id="pA"><ce:label>Part A</ce:label>
      <ce:title>GENERAL ISSUES AND APPROACH TO DISEASE
        IN PRIMARY CARE MEDICINE</title>
      <ce:include-item>
        <ce:pii>B0-323-01679-0/10027-7</ce:pii>
        <ce:title>Introduction</ce:title>
        <ce:pages>
          <ce:first-page>1</ce:first-page>
          <ce:last-page>8</ce:last-page>
        </ce:pages>
      </ce:include-item>
      <section id="s1"><ce:label>Section 1</ce:label>
        <ce:title>Core Issues and Special Groups
          in Primary Care</ce:title>
        <ce:include-item>
          <ce:pii>B0-323-01679-0/10003-4</ce:pii>
          <ce:title>Core Issues in Primary Care</ce:title>
          <ce:pages>
            <ce:first-page>9</ce:first-page>
            <ce:last-page>18</ce:last-page>
          </ce:pages>
        </ce:include-item>
      ...
    </part>
  </volume>
```

```
    </section>  
    ...  
  </part>  
  ...  
</volume>  
</body>
```

book

Declaration

Model (DTD Book DTD 5.2.0)

```
<!ELEMENT book ( info, top, ce:floats?, front, body, rear )>
<!ATTLIST book
  xmlns CDATA #FIXED %ESBK.xmlns;
  version CDATA #FIXED '5.2'
  xmlns:ce CDATA #FIXED %ESCE.xmlns;
  xmlns:xlink CDATA #FIXED %XLINK.xmlns;
  xml:lang %language; 'en'
  docsubtype %docsubtype; #FIXED "bk">
```

Model (DTD Book DTD 5.2.1)

```
<!ELEMENT book ( info, top, ce:floats?, front?, body, rear? )>
<!ATTLIST book
  xmlns CDATA #FIXED %ESBK.xmlns;
  version CDATA #FIXED '5.2'
  xmlns:ce CDATA #FIXED %ESCE.xmlns;
  xmlns:xlink CDATA #FIXED %XLINK.xmlns;
  xml:lang %language; 'en'
  docsubtype %docsubtype; #FIXED "bk">
```

Description

The element `book` is the top-level element for Elsevier books. A majority of books should be able to be captured using the content model from this DTD.

Usage

A Book dataset can be used to capture most Elsevier book publications.

Book content consists of a hub file used to reflect hierarchy in body above chapter, as well as to call all of the lower-level doctypes (e.g. chapter, index) into the book. Contrary to serial publications, where the item and the hub have different DTDs for historical reasons, the hub and items of an Elsevier book are structured with different top-level elements (doctypes) of the same DTD.

The hub's top-level element is `book`. It consists of required `info` and `top`, optional `ce:floats` and `front`, required `body`, and optional `rear` elements.

It has several required attributes:

- `xmlns`: `http://www.elsevier.com/xml/book/dtd`
- `version`: `5.2`
- `xmlns:ce`: `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink`: `http://www.w3.org/1999/xlink`
- `xml:lang`: `en` (default value)
- `docsubtype`: `bk`

XML

```
<!DOCTYPE book
  PUBLIC "-//ES//DTD book DTD version 5.2.0//EN//XML"
  "book520.dtd" []>
<book>
  <info>
    ...
  </info>
  <top>
    ...
  </top>
  <front>
    ...
  </front>
  <body>
    ...
  </body>
  <rear>
    ...
  </rear>
</book>
```

Version history

In the Elsevier Book DTD 5.2.0 the top-level element changed from `ehs-book` to `book`. The subelement `top` was added as was the attribute `docsubtype` with fixed value `bk`.

In the Elsevier Book DTD 5.2.1 subelements `front` and `rear` were made optional.

chapter

Declaration

Model (DTD Book DTD 5.2.0)

```
<!ELEMENT chapter ( ce:footnote*, info, ce:floats?,
ce:label, ce:title, ce:subtitle?,
ce:author-group*, ce:displayed-
quote?, poem?, outline?, objectives?,
ce:nomenclature?, ce:acknowledgment?,
ce:intro?, ( ce:sections | subchapter
| exam )+, ( ( ce:bibliography |
ce:further-reading )+, ( ce:section |
exam )* )? )>

<!ATTLIST chapter
id ID #REQUIRED
xmlns CDATA #FIXED %ESBK.xmlns;
version CDATA #FIXED '5.2'
xmlns:ce CDATA #FIXED %ESCE.xmlns;
xmlns:xlink CDATA #FIXED %XLINK.xmlns;
xml:lang %language; 'en'
role CDATA #IMPLIED
docsubtype %docsubtype; #FIXED "chp">
```

Model (DTD Book DTD 5.2.1)

```
<!ELEMENT chapter ( ce:footnote*, info, ce:floats?,
ce:label?, ce:title, ce:subtitle?,
ce:author-group*, ce:displayed-
quote?, poem?, outline?, objectives?,
ce:nomenclature?, ce:acknowledgment?,
ce:intro?, ( ce:sections | subchapter
| exam )+, ( ( ce:bibliography |
ce:further-reading )+, ( ce:section |
exam )* )? )>

<!ATTLIST chapter
id ID #REQUIRED
xmlns CDATA #FIXED %ESBK.xmlns;
version CDATA #FIXED '5.2'
xmlns:ce CDATA #FIXED %ESCE.xmlns;
xmlns:xlink CDATA #FIXED %XLINK.xmlns;
xml:lang %language; 'en'
role CDATA #IMPLIED
docsubtype %docsubtype; #FIXED "chp">
```

Description

The element `chapter` is used to capture book chapters as individual XML files.

Usage

The `chapter` element is used to capture all the material that appears within a book chapter. There is a PUBLIC identifier and a DOCTYPE declaration for chapter, and individual chapter files get called into the book's hub file using the `ce:include-item` element.

Although the DTD does not restrict where lower-level book doctypes get called into the hub file, the intent is for `chapter` only to be called into `body`, not in `front` or `rear`.

Content for chapter consists of an optional/repeatable `ce:footnote`, a required `info` and the optional `ce:floats` container. The chapter begins with the (optional) `ce:label`, containing the name of the chapter (“Chapter 4”), the chapter title, `ce:title`, with optional `ce:subtitle` and optional and repeatable `ce:author-group` containing authors and their affiliations. The optional subelements `ce:displayed-quote`, `poem`, `outline`, `objectives`, and `ce:nomenclature` also belong to the “head” of the chapter, followed by an optional `ce:acknowledgement`. An introduction or summary is contained in the optional `ce:intro`.

The main body of the chapter consists of a sequence of `ce:sections`, `subchapter` and/or `exam` elements, followed by optional/repeatable `ce:bibliography` and/or `ce:further-reading`, possibly followed by more `ce:sections` and/or `exams`.

It has an optional `role`, along with several required attributes:

- `id`
- `xmlns`: `http://www.elsevier.com/xml/book/dtd`
- `version`: 5.2
- `xmlns:ce`: `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink`: `http://www.w3.org/1999/xlink`
- `xml:lang`: `en` (default value)
- `docsubtype`: `chp`

XML

```
<!DOCTYPE chapter
  PUBLIC "-//ES//DTD book DTD version 5.2.0//EN//XML"
  "book520.dtd" []>
<chapter id="ch1">
  <info>
    <ce:pII>B978-0-323-01679-7.10003-8</ce:pII>
    <ce:ISBN>978-0-323-01679-7</ce:ISBN>
    <ce:copyright type="full-transfer"
      year="2003">Mosby, Inc.</ce:copyright>
  </info>
  <ce:floats>
    ...
  </ce:floats>
  <ce:label>Chapter 1</ce:label>
  <ce:title>Core Issues in Primary Care</ce:title>
  <ce:author-group>
    ...
  </ce:author-group>
  <ce:intro>
    <ce:para>Text of opening paragraph...</ce:para>
  </ce:intro>
  <ce:sections>
    <ce:section>
      <ce:label>1.1</ce:label>
      <ce:section-title>Summary of Primary Care
        Today</ce:section-title>
      <ce:para>Text of opening paragraph...</ce:para>
      <ce:para>Text second paragraph...</ce:para>
    </ce:section>
  </ce:sections>
</chapter>
```

```
</ce:section>
<ce:section>
  <ce:label>1.2</ce:label>
  <ce:section-title>Core Issues</ce:section-title>
  <ce:para>Text of opening paragraph...</ce:para>
  <ce:para>Text second paragraph...</ce:para>
</ce:section>
</ce:sections>
<ce:bibliography>
  ...
</ce:bibliography>
</chapter>
```

Version history

In EHS Books DTD 5.1.1 the occurrence indicator for `ce:author-group` changed from ? to *. Element `examination` was replaced by `exam` and the `docsubtype` attribute was added. Elements `poem`, `outline` and `objectives` were added. Element `ce:section` was changed to `ce:sections` to allow chapters to begin with regular paragraphs.

In Elsevier Book DTD 5.2.0, an optional/repeatable `ce:footnote` was added to the beginning of the content model for `chapter`. The optional attribute `role` was also added.

In Elsevier Book DTD 5.2.1 subelement `ce:label` was made optional.

Light reading

Note that PreCAP chapters should be done using the doctype `simple-chapter`.

cover-image

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT cover-image ( ce:figure )>
```

Description

The element `cover-image` is used to include cover images for Elsevier books.

Usage

The content for `cover-image` consists of a single `ce:figure`.

XML

```
<cover-image>  
  <ce:figure>...</ce:figure>  
</cover-image>
```

Version history

This element first appeared in Elsevier Book DTD 5.2.0. It is optional to be backward compatible with earlier versions of the DTD.

dedication

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT dedication          ( ce:simple-para+ )>
```

Description

The element `dedication` is used to tag dedications from book-level authors or editors that often appear in a book's front matter material.

Usage

Content for `dedication` consists of required/repeatable `ce:simple-para`.

XML

```
<dedication>
  <ce:simple-para>There are so many people I must thank for
    the help they provided me in the creation of this
    book...</ce:simple-para>
  <ce:simple-para>And what sort of husband and father would I be if I
    forgot to mention my wonderful wife and children...</ce:simple-para>
</dedication>
```

Version history

This element first appeared in Elsevier Book DTD 5.2.0.

exam

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT exam ( ce:title?, ce:exam-questions, ce:exam-answers? )>
```

Description

The element `exam` is used to capture review questions that appear within many different types of books.

Usage

Content for `exam` consists of an optional `ce:title`, required `ce:exam-questions` and optional `ce:exam-answers`.

`exam` has one required attribute, `id`.

XML

```
<exam id="quiz_sec1">
  <ce:title>Quiz from Section 1</ce:title>
  <ce:exam-questions>
    <ce:section-title>Questions</ce:section-title>
    <ce:para>...</ce:para>
  </ce:exam-questions>
  <ce:exam-answers>
    <ce:section-title>Answers</ce:section-title>
    <ce:para>...</ce:para>
  </ce:exam-answers>
</exam>
```

examination

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT examination      ( info, ce:floats?, ce:label?, ce:title,
                             ce:author-group*, ce:intro?, exam* )>
<!ATTLIST examination
  id                ID                #REQUIRED
  xmlns             CDATA             #FIXED %ESBK.xmlns;
  version           CDATA             #FIXED '5.2'
  xmlns:ce          CDATA             #FIXED %ESCE.xmlns;
  xmlns:xlink       CDATA             #FIXED %XLINK.xmlns;
  xml:lang          %language;        'en'
  role              CDATA             #IMPLIED
  docsubtype        %docsubtype;     #FIXED "exm">
```

Description

The element `examination` is used to capture review questions that appear as their own item within many different types of books.

Usage

The `examination` element is one of the top-level elements (doctypes) of the Books DTD. It is used to capture a series of review questions when they appear as a separate item in their own XML file, using the examination DOCTYPE and PUBLIC identifier, and is called into the central hub file for the book using the `ce:include-item` element.

The content for `examination` consists of required `info`, optional `ce:floats`, optional `ce:label`, followed by required `ce:title`, optional/repeatable `ce:author-group`, optional `ce:intro`, followed by required/repeatable `exam`.

It has an optional `role`, along with several required attributes:

- `id`
- `xmlns:` `http://www.elsevier.com/xml/book/dtd`
- `version:` `5.2`
- `xmlns:ce:` `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink:` `http://www.w3.org/1999/xlink`
- `xml:lang:` `en` (default value)
- `docsubtype:` `exm`

XML

```
<!DOCTYPE examination PUBLIC "-//ES//DTD book DTD
  version 5.2.0//EN//XML" "book520.dtd" []>
<examination id="exm1" docsubtype="exm">
  <info>
    <ce:pii>B978-0-323-01679-7.10003-8</ce:pii>
    <ce:isbn>978-0-323-01679-7</ce:isbn>
    <ce:copyright type="full-transfer"
      year="2003">Mosby, Inc.</ce:copyright>
  </info>
```

```

<ce:floats>
  ...
</ce:floats>
<ce:label>Unit 1</ce:label>
<ce:title>Core Issues in Primary Care</ce:title>
<ce:author-group>
  ...
</ce:author-group>
<ce:intro>
  <ce:para>Text of opening paragraph...</ce:para>
</ce:intro>
<exam>
  <ce:title>Section 1</ce:title>
  <ce:exam-questions>
    <ce:section-title>Questions</ce:section-title>
    <ce:para>...</ce:para>
  </ce:exam-questions>
  <ce:exam-answers>
    <ce:section-title>Answers</ce:section-title>
    <ce:para>...</ce:para>
  </ce:exam-answers>
</exam>
<exam>
  <ce:title>Section 2</ce:title>
  <ce:exam-questions>
    <ce:section-title>Questions</ce:section-title>
    <ce:para>...</ce:para>
  </ce:exam-questions>
  <ce:exam-answers>
    <ce:section-title>Answers</ce:section-title>
    <ce:para>...</ce:para>
  </ce:exam-answers>
</exam>
</examination>

```

Version history

In Elsevier Book DTD 5.2.0 the optional attribute `role` was added and subelement `ce:exam` became optional.

fb-non-chapter

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT fb-non-chapter ( info, ce:floats?, ce:label?,
                           ce:title, ( ce:author-group
                                       | ce:nomenclature | ce:para |
                                       ce:section )*, ce:bibliography? ,
                           ce:further-reading? )>

<!ATTLIST fb-non-chapter
  id ID #REQUIRED
  xmlns CDATA #FIXED %ESBK.xmlns;
  version CDATA #FIXED '5.2'
  xmlns:ce CDATA #FIXED %ESCE.xmlns;
  xmlns:xlink CDATA #FIXED %XLINK.xmlns;
  xml:lang %language; 'en'
  role CDATA #IMPLIED
  docsubtype %docsubtype; #REQUIRED>
```

Description

The element `fb-non-chapter` is used to capture special front and back matter non-chapter divisions as individual XML files.

Usage

The `fb-non-chapter` top-level element is used to capture material that appears in items that occur within the front (such as foreword, preface, about the author, etc.) and back matter (such as appendices) of books. The element should not be used to capture chapters within the book body.

There is a PUBLIC identifier and DOCTYPE declaration for `fb-non-chapter`, and individual XML files get called into the front and rear of the book's central hub file using the `ce:include-item` element.

A `docsubtype` attribute is required. The possible values for this attribute include:

- `app`: Appendix
- `bio`: Biography or About the Author
- `for`: Foreword
- `pre`: Preface
- `ack`: Acknowledgments
- `ctr`: Contributors
- `rev`: Reviewers
- `htu`: How to Use this Publication

Other values should not be used with `fb-non-chapter`.

The content of `fb-non-chapter` consists of a required `info`, optional `ce:floats`, an optional `ce:label`, required `ce:title`, followed by optional and repeatable group of `ce:author-group` `ce:nomenclature` and/or `ce:para` and/or `ce:sections` (the order is the order as these appear in the book) followed by an optional `ce:bibliography`, followed by optional `ce:further-reading`.

It has an optional `role`, along with several required attributes:

- `id`
- `xmlns:` <http://www.elsevier.com/xml/book/dtd>
- `version:` 5.2
- `xmlns:ce:` <http://www.elsevier.com/xml/common/dtd>
- `xmlns:xlink:` <http://www.w3.org/1999/xlink>
- `xml:lang:` en (default value)
- `docsubtype`

XML

```

<!DOCTYPE fb-non-chapter
  PUBLIC "-//ES//DTD book DTD version 5.2.0//EN//XML"
  "book520.dtd" []>
<fb-non-chapter docsubtype="app" id="appA">
  <info>
    <ce:pii>B978-0-323-01679-7.10003-8</ce:pii>
    <ce:isbn>978-0-323-01679-7</ce:isbn>
    <ce:copyright type="full-transfer"
      year="2003">Mosby, Inc.</ce:copyright>
  </info>
  <ce:floats>
    ...
  </ce:floats>
  <ce:label>Appendix A</ce:label>
  <ce:title>Color Plates</ce:title>
  <ce:author-group>
    ...
  </ce:author-group>
  <ce:para>Text of opening paragraph...</ce:para>
  <ce:section>
    <ce:section-title>...</ce:section-title>
    <ce:para>...</ce:para>
  </ce:section>
  <ce:bibliography>
    ...
  </ce:bibliography>
</fb-non-chapter>

```

Version history

Element `ce:further-reading` was added in EHS Books DTD 5.1.1 to allow for unnumbered references.

In Elsevier Book DTD 5.2.0 the optional attribute `role` was added.

Light reading

In a PreCAP delivery where the files are structured according to the Elsevier Book DTD 5.2.0, an `fb-non-chapter` DOCTYPE is delivered with weight UltraLight.

front

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT front ( ce:include-item+ )>
```

Description

The element `front` is used to capture the front matter of Elsevier books.

Usage

The `front` element is used to delimit and capture the front matter material in Elsevier books. It consists of required and repeatable `ce:include-item` elements. The element `front`, child of `book`, appears in the hub file for the book.

- The table of contents will be only be delivered as part of the “fat” PDF file for printing. An electronic version of the table of contents is replicated by the hub file and could be used by downstream applications for this purpose.
- The list of contributing authors (`docsubtype: ctr`) and/or reviewers (`docsubtype: rev`) should each be converted as a separate `fb-non-chapter` file and called into `front` using `ce:include-item` elements.
- Foreword (`docsubtype: for`), Preface (`docsubtype: pre`), Acknowledgments (`docsubtype: ack`), and Biography (`docsubtype: bio`), should also be converted as separate `fb-non-chapter` files and called into `front` using `ce:include-item` elements.
- Information for title, copyright, and dedication pages should be captured using the `top` element and should not be converted as separate items within `front`.

XML

```
<front>
  <ce:include-item>
    <ce:pri>B0-323-01679-0/10027-7</ce:pri>
    <ce:title>Contributors</ce:title>
    <ce:pages>
      <ce:first-page>v</ce:first-page>
      <ce:last-page>vii</ce:last-page>
    </ce:pages>
  </ce:include-item>
  <ce:include-item>
    <ce:pri>B0-323-01679-0/10001-0</ce:pri>
    <ce:title>Reviewers</ce:title>
    <ce:pages>
      <ce:first-page>viii</ce:first-page>
      <ce:last-page>viii</ce:last-page>
    </ce:pages>
  </ce:include-item>
  <ce:include-item>
    <ce:pri>B0-323-01679-0/10002-2</ce:pri>
    <ce:title>Preface</ce:title>
    <ce:pages>
```



```
        <ce:first-page>ix</ce:first-page>
        <ce:last-page>x</ce:last-page>
    </ce:pages>
</ce:include-item>
<ce:include-item>
    <ce:pii>B0-323-01679-0/10003-4</ce:pii>
    <ce:title>Acknowledgments</ce:title>
    <ce:pages>
        <ce:first-page>xi</ce:first-page>
        <ce:last-page>xi</ce:last-page>
    </ce:pages>
</ce:include-item>
</front>
```

glossary

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```

<!ELEMENT glossary          ( info, ce:label?, ce:glossary* )>
<!ATTLIST glossary
  id             ID             #REQUIRED
  xmlns          CDATA         #FIXED %ESBK.xmlns;
  version        CDATA         #FIXED '5.2'
  xmlns:ce       CDATA         #FIXED %ESCE.xmlns;
  xmlns:xlink    CDATA         #FIXED %XLINK.xmlns;
  xml:lang       %language;    'en'
  role           CDATA         #IMPLIED
  docsubtype     %docsubtype;  #FIXED "gls">

```

Description

The element `glossary` is used to capture glossaries of special terms that can appear in a book's back matter.

Usage

The `glossary` element is used to capture a glossary of special terms when they appear in the back matter of a book. When used, `glossary` will always appear as a top-level element, with its own DOCTYPE declaration and PUBLIC identifier appearing at the top of the XML file. A glossary gets called into the book's hub file by a `ce:include-item` element.

Content for `glossary` consists of required `info`, followed by optional `ce:label`, then optional/repeatable `ce:glossary`.

It has an optional `role`, along with several required attributes:

- `id`
- `xmlns`: `http://www.elsevier.com/xml/book/dtd`
- `version`: `5.2`
- `xmlns:ce`: `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink`: `http://www.w3.org/1999/xlink`
- `xml:lang`: `en` (default value)
- `docsubtype`: `gls`

XML

```

<!DOCTYPE glossary
  PUBLIC "-//ES//DTD book DTD version 5.2.0//EN//XML"
  "book520.dtd" []>
<glossary id="gloss" docsubtype="gls">
  <info>
    <ce:pII>B978-0-323-01679-7.10003-8</ce:pII>
    <ce:isbn>978-0-323-01679-7</ce:isbn>
    <ce:copyright type="full-transfer"
      year="2003">Mosby, Inc.</ce:copyright>
  </info>
  <ce:title>Glossary</ce:title>

```

```
<ce:glossary>
  <glossary-sec>
    <ce:section-title>A</ce:section-title>
    <ce:glossary-entry>
      <ce:glossary-heading>aardvark</ce:glossary-heading>
      <ce:glossary-def>An unusual-looking, long-nosed creature
        that eats ants.</ce:glossary-def>
    </ce:glossary-entry>
    ...
  </glossary-sec>
</ce:glossary>
</glossary>
```

Version history

In Elsevier Book DTD 5.2.0 the optional attribute `role` and optional subelement `ce:label` were added. Subelement `ce:glossary` was made optional/repeatable to allow for Ultra-light delivery of book backfile projects.

index

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```

<!ELEMENT index ( info, ce:label?, ce:index* )>
<!ATTLIST index
  id ID #REQUIRED
  xmlns CDATA #FIXED %ESBK.xmlns;
  version CDATA #FIXED '5.2'
  xmlns:ce CDATA #FIXED %ESCE.xmlns;
  xmlns:xlink CDATA #FIXED %XLINK.xmlns;
  xml:lang %language; 'en'
  role CDATA #IMPLIED
  docsubtype %docsubtype; #FIXED "idx">

```

Description

The element `index` is used to tag indices of terms which usually appear in a book's back matter.

Usage

The `index` element will always appear as a top-level element, with its own DOCTYPE declaration and PUBLIC identifier appearing at the top of the XML file. An `index` gets called into the book's hub file by a `ce:include-item` element.

Content for `index` consists of required `info`, followed by optional `ce:label`, followed by optional/repeatable `ce:index` elements.

Multiple indices (e.g. Subject Index, Author Index, etc.) should be handled as separate `index` files, called into the book's hub file with separate `ce:include-item` elements. Role="subject" should be used to differentiate the subject index from any other indices.

Each `index` should be organized according to the following conventions:

- One `ce:index` element which encapsulates the complete index.
- Each `ce:index` element would contain multiple `ce:index-sec` elements, one for each letter of the alphabet.
- If the terms are separated by alphas that appear in the hardcopy, the `ce:section-title`, child of `ce:index-sec`, should contain the letter of the alphabet for each index section.

Due to their large size, it is envisioned that large index files will be developed in smaller pieces at book typesetters, then combined into a single, large file prior to delivery.

It is quite common in hardcopy book indices, in an effort to save space (and paper) that the first second-level index term appears on the same line as its parent primary index term. Therefore, this needs to be tagged as in the following example (where `ce:index-heading`, etc., have been left out for clarity):

```

      Swallowing, assessment of
      pediatric variations in

```

Great care must be taken to ensure that such situations are tagged properly in the following manner:

XML

```
<ce:index-entry id="idx824">Swallowing,
  <ce:index-entry id="idx825a">assessment of,</ce:index-entry>
  <ce:index-entry id="idx825b">pediatric variations in,</ce:index-entry>
</ce:index-entry>
```

It has an optional `role`, along with several required attributes:

- `id`
- `xmlns:` `http://www.elsevier.com/xml/book/dtd`
- `version:` `5.2`
- `xmlns:ce:` `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink:` `http://www.w3.org/1999/xlink`
- `xml:lang:` `en` (default value)
- `docsubtype:` `idx`

XML

```
<!DOCTYPE index PUBLIC "-//ES//DTD book DTD
version 5.2.0//EN//XML" "book520.dtd" []>
<index docsubtype="idx" id="index" role="subject">
  <info>
    <ce:pii>B978-0-7216-9204-3.00001-6</ce:pii>
    <ce:isbn>978-0-7216-9204-3</ce:isbn>
    <ce:copyright tpe="full-transfer"
      year="2003">Mosby, Inc.</ce:copyright>
  </info>
  <ce:title>Index</ce:title>
  <ce:index>
    <ce:index-sec>
      <ce:section-title>A</ce:section-title>
      <ce:index-entry>
        <ce:index-heading>aardvark</ce:index-heading>
        <ce:intra-ref href="...">1</ce:intra-ref>
      </ce:index-entry>
      <ce:index-entry>
        ...
      </ce:index-entry>
      ...
    </ce:index-sec>
  </ce:index>
</index>
```

Version history

In Elsevier Book DTD 5.2.0 the optional attribute `role` and optional subelement `ce:label` were added. Subelement `ce:index` was made optional/repeatable to allow for Ultralight delivery of book backfile projects.

info

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT info          ( ce:pii, ce:doi?, ce:isbn, ce:issn?,
                          ce:document-thread?, ce:copyright,
                          ce:imprint?, ce:doctopics? )>
```

Description

The element `info` is a placeholder element for book-level metadata elements.

Usage

The `info` element contains book-project level metadata for the book item and hub. It duplicates a few items from the metadata transport scheme, but only enough to confirm that the book item and book project match. It contains the metadata of all top-level elements of the Books DTD: `book`, `introduction`, `chapter`, `simple-chapter`, `examination`, `fb-non-chapter`, `glossary`, `bibliography`, and `index`.

Content for the `info` element consists of required `ce:pii`, optional `ce:doi`, required `ce:isbn`, optional `ce:issn`, optional `ce:document-thread`, optional `ce:copyright`, optional `ce:imprint`, and optional `ce:doctopics`.

XML

```
<info>
  <ce:pii>B978-0-323-01679-7.10003-8</ce:pii>
  <ce:isbn>978-0-323-01679-7</ce:isbn>
  <ce:copyright type="full-transfer"
    year="2003">Elsevier Inc.</ce:copyright>
</info>
```

introduction

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT  introduction          ( info, ce:floats?, ce:title,
                                ce:author-group*, ce:sections?,
                                ( ce:bibliography | ce:further-
                                  reading )* )>

<!ATTLIST  introduction
  id                ID                #REQUIRED
  xmlns              CDATA             #FIXED %ESBK.xmlns;
  version            CDATA             #FIXED '5.2'
  xmlns:ce           CDATA             #FIXED %ESCE.xmlns;
  xmlns:xlink        CDATA             #FIXED %XLINK.xmlns;
  xml:lang           %language;        'en'
  role               CDATA             #IMPLIED
  docsubtype         %docsubtype;      #FIXED "itr">
```

Description

The element `introduction` is used to capture introductory material which often appears at the beginning of parts or sections used to divide/introduce chapters by topic within the body of a book.

Usage

Since `parts` and/or `sections` often contain their own introductory material, the top-level `introduction` element is needed to properly capture this content. It gets called into the book's hub file using the `ce:include-item`.

The `introduction` element consists of optional `ce:floats`, an optional `ce:title`, an optional/repeatable `ce:author-group`, followed by optional `ce:sections`, followed by optional/repeatable `ce:bibliographys` and/or `ce:further-readings`.

It has an optional `role`, along with several required attributes:

- `id`
- `xmlns`: `http://www.elsevier.com/xml/book/dtd`
- `version`: `5.2`
- `xmlns:ce`: `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink`: `http://www.w3.org/1999/xlink`
- `xml:lang`: `en` (default value)
- `docsubtype`: `itr`

XML

```
<!DOCTYPE introduction
  PUBLIC "-//ES//DTD book DTD version 5.2.0//EN//XML"
  "book520.dtd" []>
<introduction id="part1-intro" docsubtype="itr">
  <info>
    <ce:pII>B978-0-323-01679-7.10003-8</ce:pII>
    <ce:isbN>978-0-323-01679-7</ce:isbN>
```

```
<ce:copyright type="full-transfer"
  year="2003">Mosby, Inc.</ce:copyright>
</info>
<ce:floats>
  ...
</ce:floats>
<ce:title>Introduction</ce:title>
<ce:author-group>
  ...
</ce:author-group>
<ce:sections>
  <ce:para>Paragraph of introductory
    text for part or section.</ce:para>
</ce:sections>
</introduction>
```

Version history

For Elsevier Book DTD 5.2.0, the subelement `ce:sections` was made optional to allow for PreCAP deliveries. The subelement `ce:further-reading` was also added for items without linked references.

line

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT line ( %richstring.data; )*>
```

Description

The element [line](#) is used to capture a line of text from a poem.

Usage

Content for [line](#) consists of [line](#).

XML
`<line>Roses are red</line>`

Version history

This element first appeared in EHS Books DTD 5.1.1.

See also

See also elements [poem](#) and [stanza](#).

objectives

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT objectives          ( ce:section-title?, ce:para+ )>
```

Description

The element `objectives` is used to capture the objectives of a chapter. This information often appears at the beginning of a book chapter.

Usage

Content for objectives consists of an optional `ce:section-title`, and required/repeatable `ce:para`.

XML

```
<objectives>
  <ce:section-title>Objectives</ce:section-title>
  <ce:para>The objectives for this chapter are for the student to ....</ce:para>
</objectives>
```

Version history

This element first appeared in EHS Books DTD 5.1.1.

outline

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT outline ( ce:list )>
```

Description

The element `outline` is used to capture the outline of a chapter. This material often appears at the beginning of a book chapter.

Usage

Content for outline consists of a required `ce:list`.

XML

```
<outline>
  <ce:list>
    <ce:section-title>Chapter Outline</ce:section-title>
    <ce:list-item><ce:para>Introduction</ce:para></ce:list-item>
    <ce:list-item><ce:para>Background</ce:para></ce:list-item>
    ...
  </ce:list>
</outline>
```

Version history

This element first appeared in EHS Books DTD 5.1.1.

part

Declaration

Model (DTD Book DTD 5.2.0)

```
<!ELEMENT part ( ce:label, ce:title?, ce:author-
group*, ( section | ce:include-item |
ce:further-reading )+ )>
<!ATTLIST part
id ID #REQUIRED
role CDATA #IMPLIED>
```

Model (DTD Book DTD 5.2.1)

```
<!ELEMENT part ( ce:label?, ce:title?, ce:author-
group*, ( section | ce:include-item |
ce:further-reading )+ )>
<!ATTLIST part
id ID #REQUIRED
role CDATA #IMPLIED>
```

Description

The element `part` is used to capture the hierarchy above chapter and/or section when they occur within an Elsevier book.

Usage

The element `part` is a child of `body` and of `volume`. It is used when a large book is divided into parts in order to organize sections and/or chapters into groups. The element `part` appears in the hub file for the book.

The `part` elements can sometimes have their own introductions. These should be tagged as `introduction` and called into the hub file using `ce:include-item`.

In very rare cases, `part` elements can sometimes have their own bibliography. These should be tagged as `bibliography` and called into the hub file using `ce:include-item`.

The `part` element consists of an optional `ce:label`, followed by an optional `ce:title`, an optional/repeatable `ce:author-group`, then a required and repeatable grouping of `sections` and/or `ce:include-items` and/or `ce:further-reading`.

It has one required attribute, `id` and one optional attribute, `role`.

XML

```
<part id="pA"><ce:label>Part A</ce:label>
<ce:title>GENERAL ISSUES AND APPROACH TO DISEASE
IN PRIMARY CARE MEDICINE</title>
<ce:include-item>
<ce:pii>B0-323-01679-0/10027-7</ce:pii>
<ce:title>Introduction</ce:title>
<ce:pages>
<ce:first-page>1</ce:first-page>
<ce:last-page>8</ce:last-page>
</ce:pages>
```

```

</ce:include-item>
<section id="s1"><ce:label>Section 1</ce:label>
  <ce:title>Core Issues and Special Groups
    in Primary Care</ce:title>
  <ce:include-item>
    <ce:pri>B0-323-01679-0/10003-4</ce:pri>
    <ce:title>Core Issues in Primary Care</ce:title>
    <ce:pages>
      <ce:first-page>9</ce:first-page>
      <ce:last-page>18</ce:last-page>
    </ce:pages>
  </ce:include-item>
  ...
</section>
...
</part>

```

Version history

Element [introduction](#) is a top-level element in EHS Books DTD 5.1.0. Since all top-level items are called into the book hub file with [ce:include-item](#), subelement [introduction](#) was removed in EHS Books DTD 5.1.1. Subelement [ce:bibliography](#) was replaced by [ce:further-reading](#).

In Elsevier Book DTD 5.2.0 the optional attribute [role](#) was added.

In Elsevier Book DTD 5.2.1 subelement [ce:label](#) was made optional.

Known bugs, hacks and problems

The [ce:further-reading](#) is deprecated and should no longer be used. It remains to allow for backward compatibility with earlier versions.

poem

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT poem ( ce:title?, ce:author?, stanza+,  
ce:source? )>
```

Description

The element `poem` is used to capture poetry that sometimes appear at the beginning of some book chapters.

Usage

Content for poem consists of an optional `ce:title`, optional `ce:author`, required/repeatable `stanza` and optional `ce:source`.

XML

```
<poem>  
  <ce:title>Roses are Red</ce:title>  
  <stanza>  
    <line>Roses are red</line>  
    <line>violets are blue</line>  
    ...  
  </stanza>  
</poem>
```

Version history

This element first appeared in EHS Book DTD 5.1.1.

See also

See also elements `stanza` and `line`.

rear

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT rear ( rearpart+ )>
```

Description

The element `rear` is used to capture all of the material that appears in the back matter of Elsevier books.

Usage

The `rear` element is used to delimit and capture the material that appears in the back matter of Elsevier books. It is used in the book's hub file and consists of required and repeatable `rearparts`.

Lower-level doctypes — `glossary`, `bibliography`, `index`, and `fb-non-chapter` (appendices) — within the `rear` get called in using `ce:include-item` elements.

Although the DTD does not restrict where lower-level book doctypes get called into the hub file, doctypes other than those listed above should not be called into `rear`.

XML

```
<rear>
  <rearpart id="rearpart1">
    <ce:title>Appendices</ce:title>
    <ce:include-item>
      <ce:pii>B0-323-01679-0/10027-7</ce:pii>
      <ce:title>Appendix A</ce:title>
      <ce:pages>
        <ce:first-page>1000</ce:first-page>
        <ce:last-page>1001</ce:last-page>
      </ce:pages>
    </ce:include-item>
    <ce:include-item>
      <ce:pii>B0-323-01679-0/10001-0</ce:pii>
      <ce:title>Appendix B</ce:title>
      <ce:pages>
        <ce:first-page>1002</ce:first-page>
        <ce:last-page>1003</ce:last-page>
      </ce:pages>
    </ce:include-item>
  </rearpart>
  <rearpart id="rearpart2">
    <ce:include-item>
      <ce:pii>B0-323-01679-0/10002-2</ce:pii>
      <ce:title>Glossary</ce:title>
      <ce:pages>
        <ce:first-page>1004</ce:first-page>
        <ce:last-page>1020</ce:last-page>
      </ce:pages>
    </ce:include-item>
  </rearpart>
</rear>
```

```
</ce:include-item>
<ce:include-item>
  <ce:pil>B0-323-01679-0/10003-4</ce:pil>
  <ce:title>Index</ce:title>
  <ce:pages>
    <ce:first-page>1021</ce:first-page>
    <ce:last-page>1099</ce:last-page>
  </ce:pages>
</ce:include-item>
</rearpart>
</rear>
```


rearpart

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT rearpart ( ce:label?, ce:title?, ce:author-
                    group*, ce:include-item+ )>
<!ATTLIST rearpart
            id          ID          #REQUIRED
            role        CDATA      #IMPLIED>
```

Description

The element `rearpart` is used to provide organizational divisions to material (usually appendices) that appears in the back matter of Elsevier books.

Usage

The `rearpart` element is usually used to give named or numbered divisions to material that appears within the back matter of Elsevier Health Science books, usually appendices. If the rear is not divided into parts, then there will only be one `rearpart`. The element appears in the book's hub file.

It consists of an optional `ce:label`, optional `ce:title`, an optional/repeatable `ce:author-group`, then one or more `ce:include-items`.

It has one required attribute, `id` and one optional attribute, `role`.

XML

```
<rearpart id="rearpart1">
  <ce:label>I</ce:label>
  <ce:title>Graphical Appendices</ce:title>
  <ce:include-item>
    <ce:pil>B0-323-01679-0/10027-7</ce:pil>
    <ce:title>Appendix A</ce:title>
    <ce:pages>
      <ce:first-page>1000</ce:first-page>
      <ce:last-page>1001</ce:last-page>
    </ce:pages>
  </ce:include-item>
  <ce:include-item>
    <ce:pil>B0-323-01679-0/10001-0</ce:pil>
    <ce:title>Appendix B</ce:title>
    <ce:pages>
      <ce:first-page>1002</ce:first-page>
      <ce:last-page>1003</ce:last-page>
    </ce:pages>
  </ce:include-item>
</rearpart>
<rearpart id="rearpart2">
  <ce:title>Tabular Appendices</ce:title>
  <ce:include-item>
    <ce:pil>B0-323-01679-0/10002-2</ce:pil>
```

```
<ce:title>Appendix C</ce:title>
<ce:pages>
  <ce:first-page>1004</ce:first-page>
  <ce:last-page>1005</ce:last-page>
</ce:pages>
</ce:include-item>
<ce:include-item>
  <ce:pII>B0-323-01679-0/10003-4</ce:pII>
  <ce:title>Appendix D</ce:title>
  <ce:pages>
    <ce:first-page>1006</ce:first-page>
    <ce:last-page>1007</ce:last-page>
  </ce:pages>
</ce:include-item>
</rearpart>
```

Version history

The optional/repeatable subelement `ce:author-group` and optional attribute `role` were both added in Elsevier Book DTD 5.2.0.

section

Declaration

Model (DTD Book DTD 5.2.0)

```
<!ELEMENT section ( ce:label, ce:title?, ce:author-group*,
                    ( ce:include-item | ce:further-
                      reading )+ )>
<!ATTLIST section
    id ID #REQUIRED
    role CDATA #IMPLIED>
```

Model (DTD Book DTD 5.2.1)

```
<!ELEMENT section ( ce:label?, ce:title?, ce:author-
                    group*, ( ce:include-item |
                      ce:further-reading )+ )>
<!ATTLIST section
    id ID #REQUIRED
    role CDATA #IMPLIED>
```

Description

The element `section` is used to capture the hierarchy above chapter if/when they occur within Elsevier books.

Usage

A `section` is used in large books to organize `ce:include-items` (chapters or examinations) into groups. It is a child of `body` and `volume` and should not be confused with the common element `ce:section` that is used for subdivisions within items such as chapters.

A `section` can sometimes have its own introduction. These should be tagged as `introduction` and called into the hub file using `ce:include-item`.

In very rare cases, `section` elements can sometimes have their own bibliography. These should be tagged as `bibliography` and called into the hub file using `ce:include-item`.

The `section` element consists of an optional `ce:label`, followed by an optional `ce:title`, an optional/repeatable `ce:author-group`, then one or more groupings of `ce:include-items` and/or `ce:sections` and/or `ce:further-reading`.

It has one required attribute, `id` and one optional attribute, `role`.

XML

```
<section id="s1"><ce:label>Section 1</ce:label>
  <ce:title>Core Issues and Special Groups
    in Primary Care</ce:title>
  <ce:include-item>
    <ce:pii>B0-323-01679-0/10003-4</ce:pii>
    <ce:title>Core Issues in Primary Care</ce:title>
    <ce:pages>
      <ce:first-page>1</ce:first-page>
      <ce:last-page>8</ce:last-page>
    </ce:pages>
  </ce:include-item>
</section>
```

```
</ce:include-item>
<ce:include-item>
  <ce:pii>B0-323-01679-0/10027-7</ce:pii>
  <ce:title>Special Groups in Primary Care</ce:title>
  <ce:pages>
    <ce:first-page>9</ce:first-page>
    <ce:last-page>18</ce:last-page>
  </ce:pages>
</ce:include-item>
...
</section>
```

Version history

Element [introduction](#) is a top-level element in EHS Books DTD 5.1.0. Since all top-level items are called into the book hub file with [ce:include-item](#), subelement [introduction](#) was removed. Subelement [ce:bibliography](#) was replaced by [ce:further-reading](#).

In Elsevier Book DTD 5.2.0 the optional attribute [role](#) was added.

In Elsevier Book DTD 5.2.1 subelement [ce:label](#) was made optional.

Known bugs, hacks and problems

The [ce:further-reading](#) is deprecated and should no longer be used. It remains to allow for backward compatibility with earlier versions.

simple-chapter

Declaration

Model (DTD Book DTD 5.2.0)

```
<!ELEMENT simple-chapter ( ce:footnote*, info, ce:floats?,
ce:label, ce:title, ce:subtitle?,
ce:author-group*, ce:displayed-
quote?, poem?, outline?, objectives?,
ce:nomenclature?, ce:acknowledgment?,
ce:intro?, ( ce:sections | subchapter
| exam )*, ( ( ce:bibliography |
ce:further-reading )+, ( ce:section |
exam )* )? )>

<!ATTLIST simple-chapter
id ID #REQUIRED
xmlns CDATA #FIXED %ESBK.xmlns;
version CDATA #FIXED '5.2'
xmlns:ce CDATA #FIXED %ESCE.xmlns;
xmlns:xlink CDATA #FIXED %XLINK.xmlns;
xml:lang %language; 'en'
role CDATA #IMPLIED
docsubtype %docsubtype; #FIXED "scp">
```

Model (DTD Book DTD 5.2.1)

```
<!ELEMENT simple-chapter ( ce:footnote*, info, ce:floats?,
ce:label?, ce:title, ce:subtitle?,
ce:author-group*, ce:displayed-
quote?, poem?, outline?, objectives?,
ce:nomenclature?, ce:acknowledgment?,
ce:intro?, ( ce:sections | subchapter
| exam )*, ( ( ce:bibliography |
ce:further-reading )+, ( ce:section |
exam )* )? )>

<!ATTLIST simple-chapter
id ID #REQUIRED
xmlns CDATA #FIXED %ESBK.xmlns;
version CDATA #FIXED '5.2'
xmlns:ce CDATA #FIXED %ESCE.xmlns;
xmlns:xlink CDATA #FIXED %XLINK.xmlns;
xml:lang %language; 'en'
role CDATA #IMPLIED
docsubtype %docsubtype; #FIXED "scp">
```

Description

The element `simple-chapter` is used to capture book chapters as individual XML files, but only in a PreCAP backfile conversion project.

Usage

The `simple-chapter` element is used to capture all the material that appears within a book chapter. There is a PUBLIC identifier and a DOCTYPE declaration for `simple-chapter`, and

individual chapter files get called into the book’s hub file using the `ce:include-item` element.

Although the DTD does not restrict where lower-level book doctypes get called into the hub file, the intent is for `simple-chapter` only to be called into `body`, not in `front` or `rear`.

Content for chapter consists of an optional/repeatable `ce:footnote`, a required `info` and the optional `ce:floats` container. The chapter begins with the (optional) `ce:label`, containing the name of the chapter (“Chapter 4”), the chapter title, `ce:title`, with optional `ce:subtitle` and optional and repeatable `ce:author-group` containing authors and their affiliations. The optional subelements `ce:displayed-quote`, `poem`, `outline`, `objectives`, and `ce:nomenclature` also belong to the “head” of the chapter, followed by an optional `ce:acknowledgement`. An introduction or summary is contained in the optional `ce:intro`.

The main body of the chapter consists of a optional/repeatable sequence of `ce:sections`, `subchapter` and/or `exam` elements, followed by optional/repeatable `ce:bibliography` and/or `ce:further-reading`, possibly followed by more `ce:sections` and/or `exams`.

It has an optional `role`, along with several required attributes:

- `id`
- `xmlns:` `http://www.elsevier.com/xml/book/dtd`
- `version:` 5.2
- `xmlns:ce:` `http://www.elsevier.com/xml/common/dtd`
- `xmlns:xlink:` `http://www.w3.org/1999/xlink`
- `xml:lang:` `en` (default value)
- `docsubtype:` `scp`

XML

```
<!DOCTYPE simple-chapter
  PUBLIC "-//ES//DTD book DTD version 5.2.0//EN//XML"
  "book520.dtd" []>
<simple-chapter id="ch1">
  <info>
    <ce:pii>B978-0-323-01679-7.10003-8</ce:pii>
    <ce:isbn>978-0-323-01679-7</ce:isbn>
    <ce:copyright type="full-transfer"
      year="2003">Mosby, Inc.</ce:copyright>
  </info>
  <ce:bibliography>
    ...
  </ce:bibliography>
</simple-chapter>
```

Version history

This top element was added in Elsevier Book DTD 5.2.0 to allow for deliveries of book backfile projects.

In Elsevier Book DTD 5.2.1 subelement `ce:label` was made optional.

stanza

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT stanza ( line+ )>
```

Description

The element [stanza](#) is used to capture a block of lines from a poem.

Usage

Content for stanza consists of required/repeatable [line](#).

XML

```
<stanza>
  <line>Roses are red</line>
  <line>violets are blue</line>
  ...
</stanza>
```

Version history

This element first appeared in EHS Books DTD 5.1.1.

See also

See also elements [poem](#) and [line](#).

subchapter

Declaration

Model (DTDs Book DTD 5.2.0, Book DTD 5.2.1)

```
<!ELEMENT subchapter
          ( ce:footnote*, ce:label?, ce:title,
            ce:author-group*, ce:displayed-quote?,
            ce:nomenclature?, ce:acknowledgment?,
            ce:intro?, ( ce:sections | subchapter
            | exam )+, ( ce:bibliography |
            ce:further-reading )+, ( ce:section |
            exam )* )>

<!ATTLIST subchapter
          id ID #REQUIRED
          role CDATA #IMPLIED>
```

Description

The element `subchapter` is used to capture large portions of hierarchy that occur within book chapters.

Usage

Quite frequently, book chapters are so large, that the subchapter element is needed to capture the complex hierarchy that occurs within them. Such divisions of chapters are often written by separate authors and will often contain their own references. For this DTD, the hierarchy below chapter that has its own author(s) and/or references will always be a `subchapter`. Hierarchy below chapter which does not have its own author(s) or references should be done as `ce:sections`.

Content for the `subchapter` element is similar to the structure of its parent, `chapter`, and consists of an optional/repeatable `ce:footnote`, an optional `ce:label`, required `ce:title`, optional and repeatable `ce:author-group`, optional `ce:displayed-quote` and `ce:nomenclature`, followed by an optional `ce:acknowledgment`, optional introductory text in `ce:intro`, followed by required/repeatable `ce:sections` and/or nested `subchapters` and/or `exams`, followed by optional/repeatable `ce:bibliography` and/or `ce:further-reading`, followed by optional/repeatable `ce:sections` and/or `exams`.

It has one required attribute, `id` and one optional `role`.

XML

```
<subchapter id="sc11">
  <ce:label>1.1</ce:label>
  <ce:title>Summary of Primary Care Today</ce:title>
  <ce:author-group>
    ...
  </ce:author-group>
  <ce:intro>
    <ce:para>Text of introductory paragraph...</ce:para>
  </ce:intro>
  <ce:section>
    <ce:title>Opening section title</ce:title>
    <ce:para>Text of first paragraph...</ce:para>
```



```
    <ce:para>Text of second paragraph...</ce:para>
  </ce:section>
  <ce:bibliography>
    ...
  </ce:bibliography>
</subchapter>
```

Version history

In EHS Books DTD 5.1.1 the occurrence indicator for `ce:author-group` changed from ? to *. Element `examination` was replaced by `exam` and the `docsubtype` attribute was added. Element `ce:section` was changed to `ce:sections` to allow subchapters to begin with regular paragraphs.

In Elsevier Book DTD 5.2.0, an optional/repeatable `ce:footnote` was added to the beginning of the content model for `subchapter`. The optional attribute `role` was also added.

top

Declaration

Model (DTD Book DTD 5.2.0)

```
<!ELEMENT top ( %titles;, ce:edition, ce:copyright-
                line, cover-image?, ce:editors*,
                ce:author-group*, dedication*,
                ce:sections )>
```

Model (DTD Book DTD 5.2.1)

```
<!ELEMENT top ( %titles;, ce:edition?, ce:copyright-
                line, cover-image?, ce:editors*,
                ce:author-group*, dedication*,
                ce:sections )>
```

Description

The element `top` is another placeholder element for book-level metadata elements.

Usage

The info element contains book-project level metadata for the book item. It also contains material intended to render the following non-item material: title page, copyright page, and dedication (if present).

Content for the `top` element consists of required `ce:title`, optional `ce:subtitle`, optional/repeatable combination of required `ce:alt-title`, optional `ce:alt-subtitle`, followed by optional `ce:edition`, required `ce:copyright-line`, optional `cover-image`, optional `ce:editors`, optional/repeatable `ce:author-group`, optional/repeatable `dedication`, and required `ce:sections`.

XML

```
<top>
  <ce:title>Mosby's Clinical Nursing</ce:title>
  <ce:edition>5th Edition</ce:edition>
  <ce:editors>
    <ce:author-group>...</ce:author-group>
    <ce:author-group>...</ce:author-group>
  </ce:editors>
  <ce:copyright-line>Copyright &copy; 2002
    Mosby, Inc.</ce:copyright-line>
  <cover-image>...</cover-image>
  <dedication>For my dad...</dedication>
  <ce:sections>
    <ce:para>Previous editions copyrighted ...</ce:para>
    <ce:para>All rights reserved. No part of this publication
      may be reproduced...</ce:para>
  </ce:sections>
</top>
```

Version history

In EHS Books DTD 5.1.1 the occurrence indicator for [ce:dedication](#) changed from ? to *.

In the Elsevier Book DTD 5.2.0 the optional [cover-image](#) was added while [ce:dedication](#) was replaced by [dedication](#) to properly allow for book dedications that tend to be more elaborate than articles.

In the Elsevier Book DTD 5.2.1 the element [ce:edition](#) was made optional.

volume

Declaration

Model (DTD Book DTD 5.2.0)

```
<!ELEMENT volume ( ce:label, ce:title?, ce:author-group*,
                  ( part | section | ce:include-
                    item )+ )>
<!ATTLIST volume
  id ID #REQUIRED
  role CDATA #IMPLIED>
```

Model (DTD Book DTD 5.2.1)

```
<!ELEMENT volume ( ce:label?, ce:title?, ce:author-
                  group*, ( part | section | ce:include-
                    item )+ )>
<!ATTLIST volume
  id ID #REQUIRED
  role CDATA #IMPLIED>
```

Description

Unlike journals, where a volume is a collection of journal issues, volumes in Elsevier books are usually only due to limitations of binding. In rare cases, they can also be used to delimit topical hierarchy as well. The element `volume` is used to capture material that appears between separately bound volumes of a multi-volume book if they occur within Elsevier books.

Usage

The volume element, a child of `body`, is used to delimit and capture the material that appears between each separately bound volume if/when they occur. It should be noted that only the `ce:include-items` and hierarchy above them (material within `body`) appears within volume. This differs from many hardcopy multi-volume books where front and back matter gets repeated in each separately bound volume.

The `volume` element consists of an optional `ce:label` (often a Roman numeral), followed by an optional `ce:title`, an optional/repeatable `ce:author-group`, followed by required/repeatable `parts` and/or `sections` and/or `ce:include-items`.

It has one required attribute, `id` and one optional attribute, `role`.

XML

```
<volume id="vI">
  <ce:label>Volume I</ce:label>
  <part id="pA"><ce:label>Part A</ce:label>
    <ce:title>GENERAL ISSUES AND APPROACH TO DISEASE
      IN PRIMARY CARE MEDICINE</title>
    <ce:include-item>
      <ce:pri>B0-323-01679-0/10027-7</ce:pri>
      <ce:title>Introduction</ce:title>
      <ce:pages>
        <ce:first-page>1</ce:first-page>
```

```

        <ce:last-page>8</ce:last-page>
    </ce:pages>
</ce:include-item>
<section id="s1"><ce:label>Section 1</ce:label>
    <ce:title>Core Issues and Special Groups
    in Primary Care</ce:title>
    <ce:include-item>
        <ce:pri>B0-323-01679-0/10003-4</ce:pri>
        <ce:title>Core Issues in Primary Care</ce:title>
        <ce:pages>
            <ce:first-page>9</ce:first-page>
            <ce:last-page>18</ce:last-page>
        </ce:pages>
    </ce:include-item>
    ...
</section>
...
</part>
<part id="pB">
    <ce:label>Part B</ce:label>
    <ce:title>Title of Second Part</title>
    ...
</part>
</volume>

```

Version history

In Elsevier Book DTD 5.2.0 optional `ce:title`, optional/repeatable `ce:author-group`, and optional attribute `role` were added.

In Elsevier Book DTD 5.2.1 subelement `ce:label` was made optional.

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