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## book-metadata DTD v5.0 – Tag-by-Tag Documentation

TbT\_book-metadataDTDv5.doc — version 0.9, 25 April 2008, by Bill Bernickus

version 0.1	26 May 2006	1 <sup>st</sup> Draft
version 0.2	25 August 2006	Comments from initial DMT review
version 0.3	1 September 2006	Comments from RSc and JMi
version 0.4	15 September 2006	Change to book-metadata DTD and replaced example
version 0.5	18 September 2006	Comments from SPe
version 0.6	13 June 2007	BBe adds updated WOBL cover image reqts and ISBN13 example
version 0.7	26 November 2007	BBe adds note about collection PII, result of Twin Peaks project
version 0.8	12 February 2008	BBe adds more PEAK-related changes
version 0.9	25 April 2008	Switch back to print ISBN (not E-ISBN) due to PPM

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## 1. Introduction

This document is intended to serve as the documentation for the XML book-metadata DTD<sup>1</sup> used with book CONTRAST o300 deliveries.<sup>2</sup> Elsevier DTDs exist for many projects and are described in great detail on the DTD page on nonsolus.<sup>3</sup> The bookstore DTD utilizes the Elsevier Common element pool. Documentation for those elements (with ce: namespace prefix) can be found in the Tag-by-Tag documentation for DTD5.<sup>4</sup> Only those elements unique to the bookstore DTD will be defined in this document.

## 2. Element content models from the book-metadata DTD

<! ELEMENT	book-metadata	( obs-metadata, obs-cover-image, obs-whole-book )>
<! ATTLIST	book-metadata	%top-level.att; >
<! ELEMENT	obs-metadata	( ce:title, ce:edition, ce:isbn, ce:issn?, ce:pii, ce:copyright, ce:copyright-line, ce:imprint, ce:author+ )>
<! ELEMENT	obs-cover-image	( filename )>
<! ATTLIST	obs-cover-image	
	scan-dpi	NMTOKEN #REQUIRED>
<! ELEMENT	obs-whole-book	( filename )>
<! ATTLIST	obs-whole-book	
	number-of-pages	NMTOKEN #REQUIRED
	pdf-version	NMTOKEN #REQUIRED>

<! ELEMENT filename ( #PCDATA )>

### 3. Element definitions

**<book-metadata>** - Top-level container element for the o300 mini-hub files. It has many required attributes most of which have fixed values. See example in Section 4 for details of these.

**<obs-metadata>** - Container element for required book-level metadata. Content will include required elements <ce:title> (title of the book), <ce:edition> (edition of the book), <ce:isbn> (formatted print ISBN number for the book, not WOBL or E-ISBN), an optional <ce:issn> is also possible if the book being delivered is a serial publication. Required elements <ce:pii>, <ce:copyright>, <ce:copyright-line>, <ce:imprint>, and required repeatable <ce:author>s must also be included within <obs-metadata>, see DTD5 TbT for detailed tagging guidance on these somewhat more complicated elements. The value for the PII<sup>5</sup> for O300 deliveries should be the special PII used with the book hub.

**<obs-cover-image>** - This element is for the cover image file for the O300 deliveries. It has one required attribute **scan-dpi** (scan rate of the cover image in dots/inch).

**<obs-whole-book>** - This element is for the whole-book web.pdf file for the O300 deliveries. It has two required attributes **number-of-pages** (total number of pages in the whole-book web.pdf file) and **pdf-version** (must be 1.4 or later).

**<filename>** - This element contains the filename of either the cover image or the whole-book web PDF file.

### 4. Example of a book-metadata XML file

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE book-metadata PUBLIC "-//ES//DTD book-metadata DTD version
5.0.0//EN//XML" "book-metadata500.dtd">
<book-metadata version="5.0" xml:lang="en"
xmlns="http://www.elsevier.com/xml/obs/dtd"
xmlns:ce="http://www.elsevier.com/xml/common/dtd">
  <obs-metadata>
    <ce:title>Lee's Synopsis of Anaesthesia</ce:title>
    <ce:edition>Thirteen Edition</ce:edition>
    <ce:isbn>978-0-7506-8834-5</ce:isbn>
    <ce:pii>B978-0-7506-8834-5.X5002-1</ce:pii>
    <ce:copyright type="full-transfer" year="2004">Elsevier
Inc.</ce:copyright>
    <ce:copyright-line>Copyright ©copy; 2004 Butterworth
Heinemann</ce:copyright-line>
    <ce:imprint> Butterworth Heinemann</ce:imprint>
    <ce:author>
      <ce:given-name>N. J. H. </ce:given-name>
      <ce:surname>Davis</ce:surname>
      <ce:degrees>MA DM MRCP FRCA</ce:degrees>
      <ce:roles>Consultant Anaesthetist</ce:roles>
    </ce:author>
    <ce:author>
      <ce:given-name>J. N. </ce:given-name>
      <ce:surname>Cashman</ce:surname>
      <ce:degrees>BSC MD FRCA</ce:degrees>
      <ce:roles>Consultant Anaesthetist</ce:roles>
    </ce:author>
  </obs-metadata>
</book-metadata>
```

```

        </ce:author>
    </obs-metadata>
    <obs-cover-image scan-dpi="150">
        <filename>e9780750688345_cover.jpg</filename>
    </obs-cover-image>
    <obs-whole-book number-of-pages="500" pdf-version="1.4">
        <filename>e9780750688345.pdf</filename>
    </obs-whole-book>
</book-metadata>

```

Note that for front list typesetter, the deliveries of O300 datasets beginning in 2008, the PII used should be that of the *collection* (will have a leading “C”, see Section 2.6 of Elsevier’s PII specification<sup>5</sup>). The supplier will begin receiving collection PII’s from Elsevier in order.xml files with Elsevier’s implementation of Klopotek in 2008.

When O300 datasets are being delivered as part of a back list data conversion project, an ISBN-based PII (as seen in example above) will be used instead of the collection PII.

## 5. References

- [1] bookstore500.dtd XML DTD file
- [2] [O300 project page on nonsolus](#)
- [3] [Elsevier DTD page on nonsolus](#)
- [4] [Tag-by-Tag for DTD5](#)
- [5] [PIIs, DOIs and other IDs used by Elsevier](#)