The DocBook Publishers Schema

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Abstract

For more than a decade, DocBook has provided a structured markup vocabulary for hardware and software documentation. DocBook is now widely used in both commercial and Open Source environments. DocBook has a very broad element set, and applies to much more than just technical documentation. The DocBook TC is engaged in evolving the suite of DocBook specifications. The community benefits from having a standard, open, interchangeable vocabulary in which to write structured content. DocBook has been, and will continue to be, designed to satisfy this requirement.

The OASIS DocBook SubCommittee for Publishers is chartered to develop and maintain official variants of DocBook in support of the publishing industry. Specifically, the subcommittee will focus on schema and stylesheet customizations to support: periodicals as regularly published technical notes or journals, book publishing (such as business, legal, medical, and other non-technical domains), educational textbooks and other document types as appropriate for this industry.

The DocBook Publishers Schema is based on DocBook 5.0, and delivered in the normative RelaxNG Schema format.

1. Introduction

For more than a decade, DocBook has provided a structured markup vocabulary for hardware and software documentation. DocBook is now widely used in both commercial and Open Source environments. DocBook has a very broad element set, and applies to much more than just technical documentation. The DocBook TC is engaged in evolving the suite of DocBook specifications. The community benefits from having a standard, open, interchangeable vocabulary in which to write structured content. DocBook has been, and will continue to be, designed to satisfy this requirement.

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The DocBook Publishers subcommittee [mailto:docbook-publishers@lists.oasis-open.org] maintains the DocBook Publishers schema. Based on DocBook V5.0, the DocBook Publishers schema is normatively available as a [RELAX NG] Schema (with some additional Schematron assertions).

The DocBook Technical Committee welcomes bug reports and requests for enhancement (RFEs) from the user community. The current list of outstanding requests is available through the SourceForge [http://-sourceforge.net/] tracker [http://sourceforge.net/tracker/?atid=1037852&group_id=21935&func=browse] interface. This is also the preferred mechanism for submitting new requests.

Of the 361 total elements in the full DocBook standard, the Publishers schema has been simplified to exclude 149 elements from full DocBook. Modifications have been made to 11 patterns from the DocBook schema. Additions to the schema include: the Dublin Core metadata elements (54) and 6 new elements.

1.1. Terminology

The key words *must*, *must not*, *required*, *shall*, *shall not*, *should*, *should not*, *recommended*, *may*, and *optional* in this Committee Draft are to be interpreted as described in [RFC 2119]. Note that for reasons of style, these words are not capitalized in this document.

1.2. Normative References

[RELAX NG] James Clark, editor. *RELAX NG Specification (Committee Specification) [http://www.oasis-open.org/-committees/relax-ng/spec-20010811.html]*. OASIS. 2001.

[XML] Tim Bray, Jean Paoli, C. M. Sperberg-McQueen, *et. al.*, editors. *Extensible Markup Language (XML) 1.0 (Fourth Edition) [http://www.w3.org/TR/REC-xml]*. World Wide Web Consortium, 16 August 2006.

[XLink11] Steven DeRose, Eve Maler, David Orchard, Norman Walsh, editors. *XML Linking Language (XLink) Version 1.1 [http://www.w3.org/TR/xlink11]*. World Wide Web Consortium, 2005.

[RFC 2119] IETF (Internet Engineering Task Force). *RFC 2119: Key words for use in RFCs to Indicate Requirement Levels [http://www.ietf.org/rfc/rfc2119.txt]*. S. Bradner. 1997.

[RFC 3023] IETF (Internet Engineering Task Force). *RFC 3023: XML Media Types [http://www.ietf.org/rfc/rfc3023.txt]*. M. Murata, S. St. Laurent, D. Kohn. 2001.

[DocBook: TDG5] Norman Walsh and Leonard Meullner. *DocBook 5.0: The Definitive Guide [http://docbook.org/-tdg5/en/]*.

[DCMI Metadata Terms] DCMI Usage Board *DCMI Metadata Terms (DCMI Recommendation) [http://dublincore.org/-documents/dcmi-terms/]*. Copyright © 2008-01-14 Dublin Core Metadata Initiative. All Rights Reserved. http://www.dublincore.org/about/copyright.

1.3. Non-Normative References

[SGML] JTC 1, SC 34. *ISO 8879:1986 Information processing -- Text and office systems -- Standard Generalized Markup Language (SGML)*. 1986.

[W3C XML Schema] Henry S. Thompson, David Beech, Murray Maloney, et. al., editors. *XML Schema Part 1: Structures [http://www.w3.org/TR/xmlschema-1/]*. World Wide Web Consortium, 2000.

[W3C XML Datatypes] Paul V. Biron and Ashok Malhotra, editors. *XML Schema Part 2: Datatypes [http://www.w3.org/-TR/xmlschema-2/]*. World Wide Web Consortium, 2000.

[Schematron] Rick Jelliffe, editor. *The Schematron Assertion Language 1.5 [http://www.ascc.net/xml/resource/-schematron/Schematron2000.html]*. Rick Jelliffe and Acedemia Sinica Computing Centre. 2001, 2001.

2. The DocBook Publishers RELAX NG Schema

The DocBook Publishers RELAX NG Schema [http://docs.oasis-open.org/docbook/rng/] is distributed from the DocBook site [http://www.oasis-open.org/docbook/] at OASIS [http://www.oasis-open.org/]. DocBook is also available from the mirror on http://docbook.org/.

This subcommittee will submit additional enhancements back to the full DocBook standard as appropriate. The scope of this DocBook Publishers schema is publishing industry content. Broadly, this includes books, journals and other related publications. The DocBook Publishers schema has been written as a native RELAX NG grammar, based on DocBook V5.0. This effort delivers on the following goals:

1. Build official DocBook variant, based against the DocBook v5.0 schemas.

2. Address issues and enhancement requests that have arisen from experience with real-world DocBook implementations.

3. Add support for features specific to the publishing industry.

3. Additions to Core DocBook

The DocBook Publishers schema includes the following elements above and beyond those currently provided by the core DocBook standard. These are considered "official customizations".

3.1. Explicit support for Dublin Core metadata

While DocBook already includes many of the elements that are defined by the Dublin Core, it is not inherently interoperable with DC metadata. The Publisher's SC has decided to formally adopt Dublin Core metadata (issued 2008-01-14) as a formal metadata model for info elements. The Publishers schema will continue to support the base DocBook info metadata, but will allow Dublin Core elements as an alternative for capturing metadata in this widely adopted schema. In `info`, authors will be allowed to use *either* the standard DocBook elements *or* Dublin Core elements, and `info` may not contain a mix of the two element sets.

As the Dublin Core standard does not provide a RelaxNG or RelaxNG Compact version of their schema, the Publishers SC has endeavored to create Dublin Core in RNC format. The Publishers SC plans to contribute the dcterms.rnc, and dcmitypes.rnc back to the Dublin Core standard.

The following Dublin Core elements from the `http://purl.org/dc/terms/` namespace have been defined and included in the Publishers schema:

title   A name given to the resource.

creator	An entity primarily responsible for making the resource. Examples of a Creator include a person, an organization, or a service. Typically, the name of a Creator should be used to indicate the entity.
subject	The topic of the resource. Typically, the subject will be represented using keywords, key phrases, or classification codes. Recommended best practice is to use a controlled vocabulary. To describe the spatial or temporal topic of the resource, use the Coverage element.
description	An account of the resource. Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.
publisher	An entity responsible for making the resource available. Examples of a Publisher include a person, an organization, or a service. Typically, the name of a Publisher should be used to indicate the entity.
contributor	An entity responsible for making contributions to the resource. Examples of a Contributor include a person, an organization, or a service. Typically, the name of a Contributor should be used to indicate the entity.
date	A point or period of time associated with an event in the lifecycle of the resource. Date may be used to express temporal information at any level of granularity. Recommended best practice is to use an encoding scheme, such as the W3CDTF profile of ISO 8601 [W3CDTF].
type	The nature or genre of the resource. Recommended best practice is to use a controlled vocabulary such as the DCMI Type Vocabulary [DCMITYPE]. To describe the file format, physical medium, or dimensions of the resource, use the Format element.
format	The file format, physical medium, or dimensions of the resource. Examples of dimensions include size and duration. Recommended best practice is to use a controlled vocabulary such as the list of Internet Media Types [MIME].
identifier	An unambiguous reference to the resource within a given context. Recommended best practice is to identify the resource by means of a string conforming to a formal identification system.
source	A related resource from which the described resource is derived. The described resource may be derived from the related resource in whole or in part. Recommended best practice is to identify the related resource by means of a string conforming to a formal identification system.
language	A language of the resource. Recommended best practice is to use a controlled vocabulary such as RFC 4646 [RFC4646].
relation	A related resource. Recommended best practice is to identify the related resource by means of a string conforming to a formal identification system.
coverage	The spatial or temporal topic of the resource, the spatial applicability of the resource, or the jurisdiction under which the resource is relevant. Spatial topic and spatial applicability may be a named place or a location specified by its geographic coordinates. Temporal topic may be a named

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period, date, or date range. A jurisdiction may be a named administrative entity or a geographic place to which the resource applies. Recommended best practice is to use a controlled vocabulary such as the Thesaurus of Geographic Names [TGN]. Where appropriate, named places or time periods can be used in preference to numeric identifiers such as sets of coordinates or date ranges.

rights   Information about rights held in and over the resource. Typically, rights information includes a statement about various property rights associated with the resource, including intellectual property rights.

alternative   An alternative name for the resource. The distinction between titles and alternative titles is application-specific.

tableOfContents   A list of subunits of the resource.

abstract   A summary of the resource.

created   Date of creation of the resource.

valid   Date (often a range) of validity of a resource.

available   Date (often a range) that the resource became or will become available.

issued   Date of formal issuance (e.g., publication) of the resource.

modified   Date on which the resource was changed.

dateAccepted   Date of acceptance of the resource. Examples of resources to which a Date Accepted may be relevant are a thesis (accepted by a university department) or an article (accepted by a journal).

dateCopyrighted   Date of copyright.

dateSubmitted   Date of submission of the resource. Examples of resources to which a Date Submitted may be relevant are a thesis (submitted to a university department) or an article (submitted to a journal).

extent   The size or duration of the resource.

medium   The material or physical carrier of the resource.

isVersionOf   A related resource of which the described resource is a version, edition, or adaptation. Changes in version imply substantive changes in content rather than differences in format.

hasVersion   A related resource that is a version, edition, or adaptation of the described resource.

isReplacedBy   A related resource that supplants, displaces, or supersedes the described resource.

replaces   A related resource that is supplanted, displaced, or superseded by the described resource.

isRequiredBy   A related resource that requires the described resource to support its function, delivery, or coherence.

requires	A related resource that is required by the described resource to support its function, delivery, or coherence.
isPartOf	A related resource in which the described resource is physically or logically included.
hasPart	A related resource that is included either physically or logically in the described resource.
isReferencedBy	A related resource that references, cites, or otherwise points to the described resource.
references	A related resource that is referenced, cited, or otherwise pointed to by the described resource.
isFormatOf	A related resource that is substantially the same as the described resource, but in another format.
hasFormat	A related resource that is substantially the same as the pre-existing described resource, but in another format.
conformsTo	An established standard to which the described resource conforms.
spatial	Spatial characteristics of the resource.
temporal	Temporal characteristics of the resource.
audience	A class of entity for whom the resource is intended or useful.
accrualMethod	The method by which items are added to a collection.
accrualPeriodicity	The frequency with which items are added to a collection.
accrualPolicy	The policy governing the addition of items to a collection.
instructionalMethod	A process, used to engender knowledge, attitudes and skills, that the described resource is designed to support. Instructional Method will typically include ways of presenting instructional materials or conducting instructional activities, patterns of learner-to-learner and learner-to-instructor interactions, and mechanisms by which group and individual levels of learning are measured. Instructional methods include all aspects of the instruction and learning processes from planning and implementation through evaluation and feedback.
provenance	A statement of any changes in ownership and custody of the resource since its creation that are significant for its authenticity, integrity, and interpretation. The statement may include a description of any changes successive custodians made to the resource.
rightsHolder	A person or organization owning or managing rights over the resource.
mediator	An entity that mediates access to the resource and for whom the resource is intended or useful. In an educational context, a mediator might be a parent, teacher, teaching assistant, or care-giver.
educationLevel	A class of entity, defined in terms of progression through an educational or training context, for which the described resource is intended.

accessRights | Information about who can access the resource or an indication of its security status. Access Rights may include information regarding access or restrictions based on privacy, security, or other policies.

license | A legal document giving official permission to do something with the resource.

bibliographicCitation | A bibliographic reference for the resource. Recommended practice is to include sufficient bibliographic detail to identify the resource as unambiguously as possible.

The following table provides a comparison of the Dublin Core metadata elements and equivalent elements from core DocBook. As the Publishers schema provides for an "either-or" approach to metadata, authors will have to provide metadata in either Dublin Core or in DocBook, but not a mix of the two. In some cases, additional `role` attributes or other logic may be required to determine the best mapping for core DocBook elements.

Table 1. Comparison of Dublin Core and core DocBook metadata elements

Dublin Core element	Core DocBook element
`title`	`title`
`creator`	`author,editor,othercredit`[a]
`subject`	`keywordset,subjectset`
`description`	`abstract`
`publisher`	`publisher,publishername`
`contributor`	`author,editor,othercredit,collab`
`date`	`date,pubdate`
`type`	Derived from document element and `status` attribute
`format`	`bibliomisc role="format"`
`identifier`	`biblioid`
`source`	`bibliosource`
`language`	`lang` or `xml:lang` attribute
`relation`	`bibliorelation`
`coverage`	`bibliocoverage`
`rights`	`copyright,legalnotice`
`alternative`	`titleabbrev`
`tableOfContents`	`bibliomisc role="toc"`
`abstract`	`abstract`
`created`	`date role="created"`
`valid`	`date role="valid"`
`available`	`date role="available"`
`issued`	`pubdate`
`modified`	`date role="modified",revhistory/revision`
`dateAccepted`	`date role="accepted"`
`dateCopyrighted`	`copyright/year`

Dublin Core element	Core DocBook element
`dateSubmitted`	`date role="submitted"`
`extent`	`releaseinfo`
`medium`	`bibliomisc role="medium"`
`isVersionOf`	`bibliorelation type="isversionof"`
`hasVersion`	`bibliorelation type="hasversion"`
`isReplacedBy`	`bibliorelation type="isreplacedby"`
`replaces`	`bibliorelation type="replaces"`
`isRequriedBy`	`bibliorelation type="isrequiredby"`
`requires`	`bibliorelation type="requires"`
`isPartOf`	`bibliorelation type="ispartof"`
`hasPart`	`bibliorelation type="haspart"`
`isReferencedBy`	`bibliorelation type="isreferencedby"`
`references`	`bibliorelation type="references"`
`isFormatOf`	`bibliorelation type="isformatof"`
`hasFormat`	`bibliorelation type="hasformat"`
`conformsTo`	`version` attribute
`spatial`	`bibliocoverage spatial=""`
`temporal`	`bibliocoverage temporal=""`
`audience`	`bibliomisc role="audience"`
`accrualMethod`	`bibliomisc role="accrualMethod"`
`accrualPeriodicity`	`bibliomisc role="accrualPeriodicity"`
`instructionalMethod`	`bibliomisc role="instructionalMethod"`
`provenance`	`copyright/holder,publisher/publishername`
`rightsHolder`	`copyright/holder`
`mediator`	`bibliomisc role="mediator"`
`educationLevel`	`bibliomisc role="educationLevel"`
`accessRights`	`legalnotice`
`license`	`legalnotice`
`bibliographicCitation`	`bibliomset,bibliomixed`

[a]Best practice would be to only use author for creator. Use contributor for other roles.

3.2. New Element Definitions

The following elements have been added to support the needs of publishers:

speaker   Designates a person who is giving a speech or lecture.

line   A line of dialogue or other form of communication.

linegroup   A grouping of lines in dialogue or other form of communication.

poetry   A container for poetry.

dialogue   A container for speeches and other forms of communication involving dialogue.

drama   A container for plays and other forms of dramatic presentation.

Example 1. Example Drama

The following provides an example usage of the newly added elements:

```
<drama >
  <linegroup>
    <speaker>HAMLET</speaker>
    <line>To be, or not to be: that is the
      question:</line>
    <line>Whether 'tis nobler in the mind to
      suffer</line>
    <line>The slings and arrows of outrageous
      fortune,</line>
    <line>Or to take arms against a sea of
      troubles,</line>
    <line>And by opposing end them?
      </line>
  </linegroup>
</drama>
```

Example 2. Example Dialogue

The following provides an example usage of the newly added elements:

```
<dialogue >
  <linegroup>
    <speaker>President John F.
      Kennedy</speaker>
    <line>And so, my fellow Americans, ask
      not what your country can do for you; ask what you can
      do for your country.</line>
    <line>My fellow citizens of the world,
      ask not what America will do for you, but what together
      we can do for the freedom of man.</line>
    <line>Finally, whether you are citizens
      of America or citizens of the world, ask of us here the
      same high standards of strength and sacrifice which we
      ask of you. With a good conscience our only sure reward,
      with history the final judge of our deeds, let us go
      forth to lead the land we love, asking His blessing and
      His help, but knowing that here on earth God's work must
      truly be our own.</line>
  </linegroup>
</dialogue>
```

Example 3. Example Poetry

The following provides an example usage of the newly added elements:

```
<poetry>
  <title>Auld Lang Syne</title>
  <info>
    <creator xmlns="http://purl.org/dc/terms/">Robert
      Burns</creator>
  </info>
  <linegroup>
    <line>Should auld acquaintance be
      forgot,</line>
    <line>And never brought to mind?</line>
    <line>Should auld acquaintance be forgot,</line>
    <line>And auld lang syne?</line>
  </linegroup>
  <linegroup>
    <line>For auld lang syne, my dear,</line>
    <line>For auld lang syne,</line>
    <line>We'll tak a cup o' kindness yet,</line>
    <line>For auld lang syne.</line>
  </linegroup>
</poetry>
```

3.3. Redefined DocBook Content Models

The following content models from core DocBook have been customized to better support the needs of Publishers:

sidebar	Several publishers demonstrated a need to have nested sections within a sidebar. As a result, the sidebar model was modified to allow recursive section elements.
	Sidebar was also modified to allow subtitle as well as title.
person	While not appropriate in technical documentation, several publishers requested that media objects (such as photos) be allowed within a person element. As a result, the person model was modified to include mediaobject.
org	While not appropriate in technical documentation, several publishers requested that media objects (such as logos) be allowed within an org element. The org element was modified to include mediaobject.
info	The various patterns defining info have been modified to allow either DocBook metadata OR Dublin Core metadata elements.
block-level patterns	The block-level patterns in the schema have been modified to allow the newly created elements: dialogue, poetry, drama.

4. Exclusions from core DocBook

The DocBook Publishers Subcommittee identified 149 elements from core DocBook that, while appropriate for technical documentation, were not necessary for the broader Publishing industry. These elements are listed in Section B.6, "Excluded DocBook Element Definitions".

5. Conformance

The DocBook Publishers schema is a valid DocBook v5.0 customization. Publications or documents will be considered conformant to this specification if they validate against the DocBook Publishers schema (publishers.rnc or publishers.rng).

Extensions allow implementers to include features that are in demand by their customers. Also, extensions, often times, define new features that may migrate into future versions of this specification. However, the use of extensions can have a severe negative impact on interoperability.

Any extenstions to this schema SHALL follow the principles and guidelines of the DocBook v5.0 and this Publishers specification; that is, the specifications SHALL be extended in a standard manner as described in http://docbook.org/tdg5/en/html/ch05.html.

For implementations and/or applications that contain extensions, extensions SHALL be clearly described in supporting documentation, and the extensions SHALL be marked as such within the implementation/application.

This document's normative language is English. Translation into other languages is permitted.

A. Acknowledgements

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Participants

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- Norman Walsh, Mark Logic Corporation
- Keith Fahlgren, O'Reilly Media (Secretary)
- Scott Hudson, Flatirons Solutions (Chair, Editor)

B. Content Model Definitions

The following sections describe the content model changes for this schema in detail.

B.1. New Element Definitions

The following elements have been added to support the needs of publishers:

Table B.1. New Publishers Elements

Element	Defined In	Content Model
speaker	db.speaker	db.speaker.attlist, (db.person | text)*
line	db.line	db.line.attlist, (db.all.inlines | text)+
linegroup	db.linegroup	db.linegroup.attlist, db.speaker*, (db.line|db.all.blocks)+
poetry	db.poetry	db.poetry.attlist, db.poetry.info?, (db.mediaob-ject|db.linegroup|db.line|db.all.blocks)+
dialogue	db.dialogue	db.dialogue.attlist, db.dialogue.info?, (db.mediaob-ject|db.linegroup|db.line|db.all.blocks)+
drama	db.drama	db.drama.attlist, db.drama.info?, (db.mediaob-ject|db.linegroup|db.line|db.all.blocks)+

B.2. New Attribute Definitions

Each attribute list in DocBook V5.0 is defined by its own pattern. To change the list of attributes available on an element, only that pattern need be redefined. To remove all the attributes, that pattern can be redefined as "`empty`".

The following attribute definitions have been added to the Publishers schema:

Table B.2. Publishers Attribute Pattern Definitions

Attribute pattern name	Attribute pattern definition
db.speaker.role.attribute	attribute role { text }
db.speaker.attlist	db.speaker.role.attribute? & db.common.attributes & db.common.linking.at-tributes
db.line.role.attribute	attribute role { text }
db.line.attlist	db.line.role.attribute? & db.common.attributes & db.common.linking.attributes
db.linegroup.role.attribute	attribute role { text }
db.linegroup.attlist	db.linegroup.role.attribute? & db.common.attributes & db.common.linking.at-tributes
db.drama.role.attribute	attribute role { text }
db.drama.attlist	db.drama.role.attribute? & db.common.attributes & db.common.linking.attrib-utes
db.drama.role.attribute	attribute role { text }
db.dialogue.attlist	db.dialogue.role.attribute? & db.common.attributes & db.common.linking.at-tributes
db.poetry.role.attribute	attribute role { text }
db.poetry.attlist	db.poetry.role.attribute? & db.common.attributes & db.common.linking.attrib-utes

B.3. Dublin Core metadata elements

The following Dublin Core elements have been defined and included in the Publishers schema:

```
db.dublincore.elements =
dcterms.title
| dcterms.creator
| dcterms.subject
| dcterms.description
| dcterms.publisher
| dcterms.contributor
| dcterms.date
| dcterms.type
| dcterms.format
| dcterms.identifier
| dcterms.source
| dcterms.language
| dcterms.relation
| dcterms.coverage
| dcterms.rights
| dcterms.alternative
| dcterms.tableOfContents
| dcterms.abstract
| dcterms.created
| dcterms.valid
| dcterms.available
| dcterms.issued
| dcterms.modified
| dcterms.dateAccepted
| dcterms.dateCopyrighted
| dcterms.dateSubmitted
| dcterms.extent
| dcterms.medium
| dcterms.isVersionOf
| dcterms.hasVersion
| dcterms.isReplacedBy
| dcterms.replaces
| dcterms.isRequiredBy
| dcterms.requires
| dcterms.isPartOf
| dcterms.hasPart
| dcterms.isReferencedBy
| dcterms.references
| dcterms.isFormatOf
| dcterms.hasFormat
| dcterms.conformsTo
| dcterms.spatial
| dcterms.temporal
| dcterms.audience
| dcterms.accrualMethod
| dcterms.accrualPeriodicity
| dcterms.accrualPolicy
| dcterms.instructionalMethod
| dcterms.provenance
| dcterms.rightsHolder
| dcterms.mediator
| dcterms.educationLevel
```

| dcterms.accessRights
| dcterms.license
| dcterms.bibliographicCitation

B.4. Re-Defined DocBook Content Models

The following patterns have been re-defined in the Publishers schema:

Table B.3.

Pattern Name	Original Definition	Revised Definition
db.sidebar	db.sidebar.attlist, db.sidebar.info, db.all.blocks+	db.sidebar.attlist, db._title, db.sidebar.info, db.all.blocks+, db.recursive.sections*
db.person	db.person.attlist, db.personname, (db.address	db.affiliation	db.email	db.uri		db.person.attlist, db.personname, (db.address	db.affiliation	db.email	db.uri	db.personblurb	db.mediaobject)*
db.org	db.org.attlist, db.orgname, (db.address | db.affiliation | db.email | db.uri | db.orgdiv)*	db.org.attlist, db.orgname, (db.address|db.affiliation|db.email|db.uri|db.orgdiv|db.mediaobject)*
db.info	(db._title, db.titleforbidden.info?)	db.info?	db.info.attlist, (db._title & (db.info.elements*	db.dublincore.elements*))
db.titleforbidden.info	db.titleforbidden.info.attlist, db.info.elements*	db.titleforbidden.info.attlist, (db.info.elements*|db.dublincore.elements*)
db.titleonly.info	db.titleonly.info.attlist, (db._title.only & db.info.elements*)	db.titleonly.info.attlist, (db._title.only & (db.info.elements*|db.dublincore.elements*))
db.titleonlyreq.info	db.titleonlyreq.info.attlist, (db._title.onlyreq & db.info.elements*)	db.titleonlyreq.info.attlist, (db._title.onlyreq & (db.info.elements*|db.dublincore.elements*))
db.titlereq.info	db.titlereq.info.attlist, (db._title.req & db.info.elements*)	db.titlereq.info.attlist, (db._title.req & (db.info.elements*|db.dublincore.elements*))
db.bibliographic.elements	db.info.elements	db.publishing.inlines	db.citerefentry	db.citetitle	db.citebiblioid	db.person	db.personblurb	db.personname	db.subtitle	db.title	db.titleabbrev	(db.info.elements*|db.dublincore.elements*)	db.publishing.inlines	db.citerefentry	db.citetitle	db.citebiblioid	db.person	db.personblurb	db.personname	db.subtitle	db.title	db.titleabbrev
db.extension.blocks		db.dialogue	db.poetry

B.5. Included DocBook Element Definitions

Each element in DocBook V5.0 is defined by its own pattern. To change the content model of an element, only that pattern need be redefined. To remove an element from DocBook, that pattern can be redefined as "`notAllowed`".

The following 212 elements from full DocBook have been included:

Table B.4. Included DocBook elements

Element Name	Definition	Group	Module	Description
abbrev	db.abbrev	db.publishing.in-lines	pool.rnc	An abbreviation, especially one followed by a period
abstract	db.abstract	db.info.elements	pool.rnc	A summary
acknowledge-ments	db.acknowledge-ments	db.components	hier.rnc	Acknowledgements of a book or other component
acronym	db.acronym	db.publishing.in-lines	pool.rnc	An often pronounceable word made from the initial (or selec-ted) letters of a name or phrase
address	db.address	d b . p u b l i s h-ing.blocks	pool.rnc	A real-world address, generally a postal address
affiliation	db.affiliation	d b . p e r s o n . a u-thor.contentmodel	pool.rnc	The institutional affiliation of an individual
alt	db.alt	db.ubiq.inlines	pool.rnc	A text-only annotation, often used for accessibility
anchor	db.anchor	db.link.inlines	pool.rnc	A spot in the document
answer	db.answer	db.qandaentry	qandaset.rnc	An answer to a question posed in a QandASet
appendix	db.appendix	db.components	hier.rnc	An appendix in a Book or Art-icle
area	db.area	db.areaspec	callouts.rnc	A region defined for a Callout in a graphic or code example
area	db.area.inareaset	db.areaset	callouts.rnc	A region defined for a Callout in a graphic or code example
areaset	db.areaset	db.areaspec	callouts.rnc	A set of related areas in a graphic or code example
areaspec	db.areaspec	db.programlist-ingco	callouts.rnc	A collection of regions in a graphic or code example
article	db.article	db.components	hier.rnc	An article
artpagenums	db.artpagenums	db.info.elements	pool.rnc	The page numbers of an article as published
attribution	db.attribution	db.blockquote	pool.rnc	The source of a block quote or epigraph
audiodata	db.audiodata	db.audioobject	pool.rnc	Pointer to external audio data
audioobject	db.audioobject	d b . m e d i a o b-ject.content	pool.rnc	A wrapper for audio data and its associated meta-information
author	db.author	db.bibliography.in-lines	pool.rnc	The name of an individual au-thor
authorgroup	db.authorgroup	db.info.elements	pool.rnc	Wrapper for author information when a document has multiple authors or collabarators
authorinitials	db.authorinitials	db.info.elements	pool.rnc	The initials or other short identi-fier for an author

bibliocoverage	db.bibliocoverage	db.info.elements	pool.rnc	The spatial or temporal coverage of a document
bibliodiv	db.bibliodiv	db.bibliography	bibliography.rnc	A section of a Bibliography
biblioentry	db.biblioentry	db.bibliography	bibliography.rnc	An entry in a Bibliography
bibliography	db.bibliography	db.navigation.components	bibliography.rnc	A bibliography
biblioid	db.biblioid	db.info.elements	pool.rnc	An identifier for a document
bibliolist	db.bibliolist	db.list.blocks	bibliography.rnc	A wrapper for a list of bibliography entries
bibliomisc	db.bibliomisc	db.info.elements	bibliography.rnc	Untyped bibliographic information
bibliomixed	db.bibliomixed	db.bibliography	bibliography.rnc	An entry in a Bibliography
bibliomset	db.bibliomset	db.info.elements	bibliography.rnc	A cooked container for related bibliographic information
biblioref	db.biblioref	db.link.inlines	bibliography.rnc	A cross-reference to a bibliographic entry
bibliorelation	db.bibliorelation	db.info.elements	pool.rnc	The relationship of a document to another
biblioset	db.biblioset	db.info.elements	bibliography.rnc	A raw container for related bibliographic information
bibliosource	db.bibliosource	db.info.elements	pool.rnc	The source of a document
blockquote	db.blockquote	db.publishing.blocks	pool.rnc	A quotation set off from the main text
book	db.book	db.set.components	hier.rnc	A book
bridgehead	db.bridgehead	db.nopara.blocks	pool.rnc	A free-floating heading
callout	db.callout	db.calloutlist	callouts.rnc	A called out description of a marked Area
calloutlist	db.calloutlist	db.list.blocks	callouts.rnc	A list of callouts
caption	db.caption	db.example	pool.rnc	A caption
caption	db.html.caption	db.html.table.model	htmltbl.rnc	An HTML table caption
chapter	db.chapter	db.components	hier.rnc	A chapter, as of a book
citation	db.citation	db.bibliography.inlines	pool.rnc	An inline bibliographic reference to another published work
citebiblioid	db.citebiblioid	db.bibliography.inlines	pool.rnc	A citation of a bibliographic identifier
citetitle	db.citetitle	db.bibliography.inlines	pool.rnc	The title of a cited work
city	db.city	db.address	pool.rnc	The name of a city in an address
co	db.co	db.verbatim.inlines	callouts.rnc	The location of a callout embedded in text
collab	db.collab	db.info.elements	pool.rnc	Identifies a collaborator

colophon	db.colophon	db.components	hier.rnc	Text at the back of a book describing facts about its production
colspec	db.colspec	db.tgroup	calstbl.rnc	Specifications for a column in a table
confdates	db.confdates	db.confgroup	pool.rnc	The dates of a conference for which a document was written
confgroup	db.confgroup	db.info.elements	pool.rnc	A wrapper for document meta-information about a conference
confnum	db.confnum	db.confgroup	pool.rnc	An identifier, frequently numerical, associated with a conference for which a document was written
confsponsor	db.confsponsor	db.confgroup	pool.rnc	The sponsor of a conference for which a document was written
conftitle	db.conftitle	db.confgroup	pool.rnc	The title of a conference for which a document was written
contractnum	db.contractnum	db.info.elements	pool.rnc	The contract number of a document
contractsponsor	db.contractsponsor	db.info.elements	pool.rnc	The sponsor of a contract
contrib	db.contrib	db.person.author.contentmodel	pool.rnc	A summary of the contributions made to a document by a credited source
copyright	db.copyright	db.info.elements	pool.rnc	Copyright information about a document
coref	db.coref	db.publishing.inlines	callouts.rnc	A cross reference to a co
country	db.country	db.address	pool.rnc	The name of a country
cover	db.cover	db.info.elements	pool.rnc	Additional content for the cover of a publication
date	db.date	db.publishing.inlines	pool.rnc	The date of publication or revision of a document
dedication	db.dedication	db.components	hier.rnc	The dedication of a book or other component
edition	db.edition	db.info.elements	pool.rnc	The name or number of an edition of a document
editor	db.editor	db.bibliography.inlines	pool.rnc	The name of the editor of a document
email	db.email	db.markup.inlines	pool.rnc	An email address
emphasis	db._emphasis	db._emphasis	pool.rnc	A limited span of emphasized text
emphasis	db.emphasis	db.publishing.inlines	pool.rnc	Emphasized text
entry	db.entry	db.row	calstbl.rnc	A cell in a table

entrytbl	db.entrytbl	db.row	calstbl.rnc	A subtable appearing in place of an Entry in a table
epigraph	db.epigraph	db.publishing.blocks	pool.rnc	A short inscription at the beginning of a document or component
equation	db.equation	db.formal.blocks	math.rnc	A displayed mathematical equation
example	db.example	db.formal.blocks	pool.rnc	A formal example, with a title
fax	db.fax	db.address	pool.rnc	A fax number
figure	db.figure	db.formal.blocks	pool.rnc	A formal figure, generally an illustration, with a title
firstname	db.firstname	db.personname	pool.rnc	The first name of a person
firstterm	db.firstterm	db.glossary.inlines	glossary.rnc	The first occurrence of a term
footnote	db.footnote	db.publishing.inlines	pool.rnc	A footnote
footnoteref	db.footnoteref	db.publishing.inlines	pool.rnc	A cross reference to a footnote (a footnote mark)
foreignphrase	db.foreignphrase	db.publishing.inlines	pool.rnc	A word or phrase in a language other than the primary language of the document
formalpara	db.formalpara	db.para.blocks	pool.rnc	A paragraph with a title
glossary	db.glossary	db.navigation.components	glossary.rnc	A glossary
glossdef	db.glossdef	db.glossentry	glossary.rnc	A definition in a GlossEntry
glossdiv	db.glossdiv	db.glossary	glossary.rnc	A division in a Glossary
glossentry	db.glossentry	db.glosslist	glossary.rnc	An entry in a Glossary or GlossList
glosslist	db.glosslist	db.list.blocks	glossary.rnc	A wrapper for a list of glossary entries
glosssee	db.glosssee	db.glossentry	glossary.rnc	A cross-reference from one glossentry to another
glossseealso	db.glossseealso	db.glossdef	glossary.rnc	A cross-reference from one GlossEntry to another
glossterm	db.glossterm	db.glossary.inlines	glossary.rnc	A glossary term
holder	db.holder	db.copyright	pool.rnc	The name of the individual or organization that holds a copyright
honorific	db.honorific	db.personname	pool.rnc	The title of a person
imagedata	db.imagedata	db.imageobject.content	pool.rnc	Pointer to external image data
imagedata	db.imagedata.svg	db.imageobject.content	svg.rnc	An SVG drawing in a media object
imagedata	db.imagedata.mathml	db.imageobject.content	mathml.rnc	A MathML expression in a media object

imageobject	db.imageobject	db.mediaobject.content	pool.rnc	A wrapper for image data and its associated meta-information
imageobjectco	db.imageobjectco	db.mediaobject.content	callouts.rnc	A wrapper for an image object with callouts
index	db.index	db.navigation.components	index.rnc	An index to a book or part of a book
indexterm	db.indexterm.endofrange	db.indexterm	index.rnc	Identifies the end of a range associated with an indexed term
indexterm	db.indexterm.startofrange	db.indexterm	index.rnc	A wrapper for an indexed term that covers a range
indexterm	db.indexterm.singular	db.itermset	index.rnc	A wrapper for an indexed term
info	db.titleonly.info	db._info.title.only	pool.rnc	A wrapper for information about a component or other block with only a title
info	db.info	db._info	pool.rnc	A wrapper for information about a component or other block
info	db.titlereq.info	db._info.title.req	pool.rnc	A wrapper for information about a component or other block with a required title
info	db.titleforbidden.info	db._info	pool.rnc	A wrapper for information about a component or other block without a title
info	db.titleonlyreq.info	db._info.title.onlyreq	pool.rnc	A wrapper for information about a component or other block with only a required title
informalequation	db.informalequation	db.informal.blocks	math.rnc	A displayed mathematical equation without a title
informalexample	db.informalexample	db.informal.blocks	pool.rnc	A displayed example without a title
informalfigure	db.informalfigure	db.informal.blocks	pool.rnc	A untitled figure
informaltable	db.cals.informaltable	db.informaltable.choice	calstbl.rnc	A table without a title
inlineequation	db.inlineequation	db.math.inlines	math.rnc	A mathematical equation or expression occurring inline
inlinemediaobject	db.inlinemediaobject	db.ubiq.inlines	pool.rnc	An inline media object (video, audio, image, and so on)
issuenum	db.issuenum	db.info.elements	pool.rnc	The number of an issue of a journal
itemizedlist	db.itemizedlist	db.list.blocks	pool.rnc	A list in which each entry is marked with a bullet or other dingbat
itermset	db.itermset	db.info.elements	index.rnc	A set of index terms in the meta-information of a document
jobtitle	db.jobtitle	db.bibliography.inlines	pool.rnc	The title of an individual in an organization

keyword	db.keyword	db.keywordset	pool.rnc	One of a set of keywords describing the content of a document
keywordset	db.keywordset	db.info.elements	pool.rnc	A set of keywords describing the content of a document
label	db.label	db.question	qandaset.rnc	A label on a Question or Answer
legalnotice	db.legalnotice	db.info.elements	pool.rnc	A statement of legal obligations or requirements
lineage	db.lineage	db.personname	pool.rnc	The portion of a person's name indicating a relationship to ancestors
link	db.link	db.link.inlines	pool.rnc	A hypertext link
listitem	db.listitem	db.itemizedlist	pool.rnc	A wrapper for the elements of a list item
literal	db.literal	db.markup.inlines	markup.rnc	Inline text that is some literal value
literallayout	db.literallayout	db.verbatim.blocks	pool.rnc	A block of text in which line breaks and white space are to be reproduced faithfully
mathphrase	db.mathphrase	db.equation.content	math.rnc	A mathematical phrase, an expression that can be represented with ordinary text and a small amount of markup
mediaobject	db.mediaobject	db.graphic.blocks	pool.rnc	A displayed media object (video, audio, image, etc.)
member	db.member	db.simplelist	pool.rnc	An element of a simple list
note	db.note	db.admonition.blocks	pool.rnc	A message set off from the text
olink	db.olink	db.link.inlines	pool.rnc	A link that addresses its target indirectly
optional	db.optional	db.technical.inlines	technical.rnc	Optional information
orderedlist	db.orderedlist	db.list.blocks	pool.rnc	A list in which each entry is marked with a sequentially incremented label
org	db.org	db.bibliography.inlines	pool.rnc	An organization and associated metadata
orgdiv	db.orgdiv	db.affiliation	pool.rnc	A division of an organization
orgname	db.orgname	db.bibliography.inlines	pool.rnc	The name of an organization other than a corporation
otheraddr	db.otheraddr	db.address	pool.rnc	Uncategorized information in address
othercredit	db.othercredit	db.info.elements	pool.rnc	A person or entity, other than an author or editor, credited in a document

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othername	db.othername	db.personname	pool.rnc	A component of a persons name that is not a first name, surname, or lineage
pagenums	db.pagenums	db.info.elements	pool.rnc	The numbers of the pages in a book, for use in a bibliographic entry
para	db.para	db.para.blocks	pool.rnc	A paragraph
part	db.part	db.divisions	hier.rnc	A division in a book
partintro	db.partintro	db.part	hier.rnc	An introduction to the contents of a part
person	db.person	db.bibliography.inlines	pool.rnc	A person and associated metadata
personblurb	db.personblurb	db.person.author.contentmodel	pool.rnc	A short description or note about a person
personname	db.personname	db.bibliography.inlines	pool.rnc	The personal name of an individual
phone	db.phone	db.address	pool.rnc	A telephone number
phrase	db.phrase	db.publishing.inlines	pool.rnc	A span of text
phrase	db._phrase	db._text	pool.rnc	A limited span of text
pob	db.pob	db.address	pool.rnc	A post office box in an address
postcode	db.postcode	db.address	pool.rnc	A postal code in an address
preface	db.preface	db.components	hier.rnc	Introductory matter preceding the first chapter of a book
primary	db.primary	db.indexterm.contentmodel	index.rnc	The primary word or phrase under which an index term should be sorted
printhistory	db.printhistory	db.info.elements	pool.rnc	The printing history of a document
procedure	db.procedure	db.technical.blocks	pool.rnc	A list of operations to be performed in a well-defined sequence
productname	db.productname	db.product.inlines	pool.rnc	The formal name of a product
productnumber	db.productnumber	db.product.inlines	pool.rnc	A number assigned to a product
pubdate	db.pubdate	db.info.elements	pool.rnc	The date of publication of a document
publisher	db.publisher	db.info.elements	pool.rnc	The publisher of a document
publishername	db.publishername	db.info.elements	pool.rnc	The name of the publisher of a document
qandadiv	db.qandadiv	db.qandaset	qandaset.rnc	A titled division in a QandASet
qandaentry	db.qandaentry	db.qandaset	qandaset.rnc	A question/answer set within a QandASet
qandaset	db.qandaset	db.list.blocks	qandaset.rnc	A question-and-answer set
question	db.question	db.qandaentry	qandaset.rnc	A question in a QandASet

quote	db.quote	db.publishing.in-lines	pool.rnc	An inline quotation
releaseinfo	db.releaseinfo		pool.rnc	
remark	remark		pool.rnc	A remark (or comment) intended for presentation in a draft manuscript
revdescription	revdescription		pool.rnc	
revhistory	revhistory		pool.rnc	
revision	revision		pool.rnc	
revnumber	revnumber		pool.rnc	
revremark	revremark		pool.rnc	
row	row		calstbl.rnc	
secondary	secondary		index.rnc	
secondaryie	secondaryie		index.rnc	
section	db.section		hier.rnc	
see	see		index.rnc	
seealso	seealso		index.rnc	
seriesvolnums	seriesvolnums		pool.rnc	
set	set		hier.rnc	
setindex	setindex		index.rnc	
shortaffil	shortaffil		pool.rnc	
sidebar	sidebar		pool.rnc	A portion of a document that is isolated from the main narrative flow
simpara	simpara		pool.rnc	A paragraph that contains only text and inline markup, no block elements
simplelist	simplelist		pool.rnc	An undecorated list of single words or short phrases
simplesect	simplesect		hier.rnc	A section of a document with no subdivisions
spanspec	spanspec		calstbl.rnc	
state	state			
step	step		pool.rnc	A unit of action in a procedure
stepalternatives	stepalternatives		pool.rnc	Alternative steps in a procedure
street	street		pool.rnc	
subject	subject		pool.rnc	One of a group of terms describing the subject matter of a document
subjectset	subjectset		pool.rnc	A set of terms describing the subject matter of a document

subjectterm	subjectterm		pool.rnc	A term in a group of terms describing the subject matter of a document
subscript	subscript		pool.rnc	
substeps	substeps		pool.rnc	A wrapper for steps that occur within steps in a procedure
subtitle	subtitle		pool.rnc	The subtitle of a document
superscript	superscript		pool.rnc	
surname	surname		pool.rnc	
table	table		calstbl.rnc	
task	task		tasks.rnc	A task to be completed
taskprerequis-ites	taskprerequisites		tasks.rnc	The prerequisites for a task
taskrelated	taskrelated		tasks.rnc	Information related to a task
tasksummary	tasksummary		tasks.rnc	A summary of a task
tbody	tbody		calstbl.rnc	
term	term		pool.rnc	The word or phrase being defined or described in a variable list
termdef	db.termdef		glossary.rnc	An inline definition of a term
tertiary	tertiary		index.rnc	
textdata	textdata		pool.rnc	Pointer to external text data
textobject	textobject		pool.rnc	A wrapper for a text description of an object and its associated meta-information
tfoot	tfoot		calstbl.rnc	
tgroup	tgroup		calstbl.rnc	A wrapper for the main content of a table, or part of a table
thead	thead		calstbl.rnc	
title	title		pool.rnc	The text of the title of a section of a document or of a formal block-level element
titleabbrev	titleabbrev		pool.rnc	The abbreviation of a title
toc	toc		toc.rnc	A table of contents
trademark	trademark		pool.rnc	
uri	uri		pool.rnc	
variablelist	variablelist		pool.rnc	A list in which each entry is composed of a set of one or more terms and an associated description
varlistentry	varlistentry		pool.rnc	A wrapper for a set of terms and the associated description in a variable list
videodata	videodata		pool.rnc	Pointer to external video data

videoobject	videoobject		pool.rnc	A wrapper for video data and its associated meta-information
volumenum	volumenum		pool.rnc	
wordasword	db.wordasword		pool.rnc	
xref	xref		pool.rnc	
year	year		pool.rnc	
.	db._any	db._any	pool.rnc	Any element from almost any namespace

B.6. Excluded DocBook Element Definitions

In the interest of providing a schema that meets the needs of the Publishing industry, the following considerations were made with regard to the modular approach to the schema and the exclusion of certain core DocBook elements:

Simplified markup
The focus should be on the structural, presentational and semantic markup that meets the needs of Publishers.

No technical elements
The vast majority of Publishers will not need the technical elements from core DocBook. For those titles that require technical markup, the inlines can easily be added as a module to the Publishers schema.

Generated text
With the robust DocBook toolchain, most Publishers will want to automate the creation of a Table of Contents and Index.

The following 149 elements from full DocBook have been excluded from the Publishers schema:

Note

Because the Publishers schema is written in RelaxNG Compact syntax, it is very easy to add elements back into a customization of the Publishers schema. For example, if the elements in the programming module were needed, it is very simple to use an include statement for the programming.rnc file from the source DocBook distribution.

in favor of generated text, removed tech writing specific, simplify the markup burden

Table B.5. Excluded DocBook elements

Element Name	Definition	Group	Module	Description
accel	db.accel	db.keyboard.inlines	keyboard.rnc	A graphical user interface (GUI) keyboard shortcut
annotation	db.annotation	db.ubiq.inlines	annotations.rnc	An annotation
application	db.application	db.product.inlines	product.rnc	The name of a software program
arc	db.arc	db.extendedlink	xlink.rnc	An XLink arc in an extended-link
arg	db.arg	db.cmdsynopsis	programming.rnc	An argument in a CmdSynopsis

caution	db.caution	db.admoni-tion.blocks	admonitions.rnc	A note of caution
citerefentry	db.citerefentry	db.bibliography.in-lines	refentry.rnc	A citation to a reference page
classname	db.classname	db.programming.in-lines	programming.rnc	The name of a class, in the object-oriented programming sense
classsynopsis	db.classsynopsis	db.synopsis.blocks	programming.rnc	The syntax summary for a class definition
classsynop-sisinfo	db.classsynop-sisinfo	db.classsynopsis	programming.rnc	Information supplementing the contents of a ClassSynopsis
cmdsynopsis	db.cmdsynopsis	db.synopsis.blocks	programming.rnc	A syntax summary for a software command
code	db.code	db.markup.inlines	markup.rnc	An inline code fragment
col	db.html.col	db.html.table.mod-el	htmltbl.rnc	Specifications for a column in an HTML table
colgroup	db.html.colgroup	db.html.table.mod-el	htmltbl.rnc	A group of columns in an HTML table
command	db.command	db.os.inlines	os.rnc	The name of an executable program or other software command
computeroutput	db.computerout-put	db.os.inlines	os.rnc	Data, generally text, displayed or presented by a computer
constant	db.constant	db.markup.inlines	markup.rnc	A programming or system constant
constraint	db.constraint	db.production	ebnf.rnc	A constraint in an EBNF pro-duction
constraintdef	db.constraintdef	db.technical.blocks	ebnf.rnc	The definition of a constraint in an EBNF production
constructorsyn-opsis	db.constructorsyn-opsis	db.synopsis.blocks	programming.rnc	A syntax summary for a con-structor
database	db.database	db.product.inlines	product.rnc	The name of a database, or part of a database
destructorsynop-sis	db.destructorsyn-opsis	db.synopsis.blocks	programming.rnc	A syntax summary for a de-structor
envar	db.envar	db.os.inlines	os.rnc	A software environment vari-able
errorcode	db.errorcode	db.error.inlines	error.rnc	An error code
errorname	db.errorname	db.error.inlines	error.rnc	An error name
errortext	db.errortext	db.error.inlines	error.rnc	An error message.
errortype	db.errortype	db.error.inlines	error.rnc	The classification of an error message
exceptionname	db.exceptionname	db.programming.in-lines	programming.rnc	The name of an exception
extendedlink	db.extendedlink	db.info.elements	xlink.rnc	An XLink extended link

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fieldsynopsis	db.fieldsynopsis	db.synopsis.blocks	programming.rnc	The name of a field in a class definition
filename	db.filename	db.os.inlines	os.rnc	The name of a file
funcdef	db.funcdef	db.funcprototype	programming.rnc	A function (subroutine) name and its return type
funcparams	db.funcparams	db.paramdef	programming.rnc	Parameters for a function referenced through a function pointer in a synopsis
funcprototype	db.funcprototype	db.funcsynopsis	programming.rnc	The prototype of a function
funcsynopsis	db.funcsynopsis	db.synopsis.blocks	programming.rnc	The syntax summary for a function definition
funcsynop- sisinfo	db.funcsynop- sisinfo	db.funcsynopsis	programming.rnc	Information supplementing the FuncDefs of a FuncSynopsis
function	db.function	db.programming.in- lines	programming.rnc	The name of a function or subroutine, as in a programming language
group	db.group	db.cmdsynopsis	programming.rnc	A group of elements in a Cmd-Synopsis
guibutton	db.guibutton	db.gui.inlines	gui.rnc	The text on a button in a GUI
guiicon	db.guiicon	db.gui.inlines	gui.rnc	Graphic and/or text appearing as a icon in a GUI
guilabel	db.guilabel	db.gui.inlines	gui.rnc	The text of a label in a GUI
guimenu	db.guimenu	db.gui.inlines	gui.rnc	The name of a menu in a GUI
guimenuitem	db.guimenuitem	db.gui.inlines	gui.rnc	The name of a terminal menu item in a GUI
guisubmenu	db.guisubmenu	db.gui.inlines	gui.rnc	The name of a submenu in a GUI
hardware	db.hardware	db.product.inlines	product.rnc	A physical part of a computer system
important	db.important	db.admoni- tion.blocks	admonitions.rnc	An admonition set off from the text
indexdiv	db.indexdiv	db.index	index.rnc	A division in an index
indexentry	db.indexentry	db.index	index.rnc	An entry in an index
informaltable	db.html.informalt- able	db.informalt- able.choice	htmltbl.rnc	An HTML table without a title
initializer	db.initializer	db.programming.in- lines	programming.rnc	The initializer for a FieldSyn-opsis
interfacename	db.interfacename	db.programming.in- lines	programming.rnc	The name of an interface
keycap	db.keycap	db.keyboard.inlines	keyboard.rnc	The text printed on a key on a keyboard
keycode	db.keycode	db.keyboard.inlines	keyboard.rnc	The internal, frequently numeric, identifier for a key on a keyboard
keycombo	db.keycombo	db.keyboard.inlines	keyboard.rnc	A combination of input actions

keysym	db.keysym	db.keyboard.inlines	keyboard.rnc	The symbolic name of a key on a keyboard
lhs	db.lhs	db.production	ebnf.rnc	The left-hand side of an EBNF production
locator	db.locator	db.extendedlink	xlink.rnc	An XLink locator in an ex-tendedlink
manvolnum	db.manvolnum	db.citerefentry	refentry.rnc	A reference volume number
markup	db.markup	db.markup.inlines	markup.rnc	A string of formatting markup in text that is to be represented literally
lineannotation	db.lineannotation	db.verbatim.inlines	programming.rnc	A comment on a line in a ver-batim listing
menuchoice	db.menuchoice	db.gui.inlines	gui.rnc	A selection or series of selec-tions from a menu
methodname	db.methodname	db.programming.in-lines	programming.rnc	The name of a method
methodparam	db.methodparam	db.constructorsyn-opsis	programming.rnc	Parameters to a method
methodsynopsis	db.methodsynop-sis	db.synopsis.blocks	programming.rnc	A syntax summary for a method
modifier	db.modifier	db.programming.in-lines	programming.rnc	Modifiers in a synopsis
mousebutton	db.mousebutton	db.gui.inlines	gui.rnc	The conventional name of a mouse button
msg	db.msg	db.msgentry	msgset.rnc	A message in a message set
msgaud	db.msgaud	db.msginfo	msgset.rnc	The audience to which a mes-sage in a message set is relev-ant
msgentry	db.msgentry	db.msgset	msgset.rnc	A wrapper for an entry in a message set
msgexplan	db.msgexplan	db.msgentry	msgset.rnc	Explanatory material relating to a message in a message set
msginfo	db.msginfo	db.msgentry	msgset.rnc	Information about a message in a message set
msglevel	db.msglevel	db.msginfo	msgset.rnc	The level of importance or severity of a message in a message set
msgmain	db.msgmain	db.msg	msgset.rnc	The primary component of a message in a message set
msgorig	db.msgorig	db.msginfo	msgset.rnc	The origin of a message in a message set
msgrel	db.msgrel	db.msg	msgset.rnc	A related component of a message in a message set
msgset	db.msgset	db.technical.blocks	msgset.rnc	A detailed set of messages, usually error messages

msgsub	db.msgsub	db.msg	msgset.rnc	A subcomponent of a message in a message set
msgtext	db.msgtext	db.simplemsgentry	msgset.rnc	The actual text of a message component in a message set
nonterminal	db.nonterminal	db.technical.inlines	ebnf.rnc	A non-terminal in an EBNF production
ooclass	db.ooclass	db.oo.inlines	programming.rnc	A class in an object-oriented programming language
ooexception	db.ooexception	db.oo.inlines	programming.rnc	An exception in an object-oriented programming language
oointerface	db.oointerface	db.oo.inlines	programming.rnc	An interface in an object-oriented programming language
option	db.option	db.technical.inlines	technical.rnc	An option for a software command
package	db.package	db.technical.inlines	technical.rnc	A software or application package
paramdef	db.paramdef	db.funcprototype	programming.rnc	Information about a function parameter in a programming language
parameter	db.parameter	db.technical.inlines	programming.rnc	A value or a symbolic reference to a value
primaryie	db.primaryie	db.indexentry	index.rnc	A primary term in an index entry, not in the text
production	db.production	db.productionset	ebnf.rnc	A production in a set of EBNF productions
productionrecap	db.productionre-cap	db.productionset	ebnf.rnc	A cross-reference to an EBNF production
productionset	db.productionset	db.technical.blocks	ebnf.rnc	A set of EBNF productions
programlisting	db.programlisting	db.verbatim.blocks	programming.rnc	A literal listing of all or part of a program
programlist-ingco	db.programlist-ingco	db.verbatim.blocks	callouts.rnc	A program listing with associated areas used in callouts
prompt	db.prompt	db.os.inlines	os.rnc	A character or string indicating the start of an input field in a computer display
property	db.property	db.technical.inlines	technical.rnc	A unit of data associated with some part of a computer system
refclass	db.refclass	db.refnamediv	refentry.rnc	The scope or other indication of applicability of a reference entry
refdescriptor	db.refdescriptor	db.refnamediv	refentry.rnc	A description of the topic of a reference page
refentry	db.refentry	db.toplevel.sec-tions	refentry.rnc	A reference page (originally a UNIX man-style reference page)

refentrytitle	db.refentrytitle	db.citerefentry	refentry.rnc	The title of a reference page
reference	db.reference	db.divisions	refentry.rnc	A collection of reference entries
refmeta	db.refmeta	db.refentry	refentry.rnc	Meta-information for a reference entry
refmiscinfo	db.refmiscinfo	db.refmeta	refentry.rnc	Meta-information for a reference entry other than the title and volume number
refname	db.refname	db.refnamediv	refentry.rnc	The name of (one of) the subject(s) of a reference page
refnamediv	db.refnamediv	db.refentry	refentry.rnc	The name, purpose, and classification of a reference page
refpurpose	db.refpurpose	db.refnamediv	refentry.rnc	A short (one sentence) synopsis of the topic of a reference page
refsect1	db.refsect1	db.toplevel.sections	refsect1.rnc	A major subsection of a reference entry
refsect2	db.refsect2	db.secondlevel.refsection	refsect1.rnc	A subsection of a refsect1
refsect3	db.refsect3	db.refsect2.sections	refsect1.rnc	A subsection of a refsect2
refsection	db.refsection	db.toplevel.refsection	refentry.rnc	A recursive section in a refentry
refsynopsisdiv	db.refsynopsisdiv	db.refentry	refentry.rnc	A syntactic synopsis of the subject of the reference page
replaceable	replaceable	db.technical.inlines	technical.rnc	
returnvalue	db.returnvalue	db.programming.inlines	programming.rnc	
rhs	db.rhs	db.production	ebnf.rnc	
sbr	db.sbr		programming.rnc	
screen	db.screen		technical.rnc	Text that a user sees or might see on a computer screen
screenco	db.screenco	db.verbatim.blocks	callouts.rnc	A screen with associated areas used in callouts
screenshot	db.screenshot		technical.rnc	A representation of what the user sees or might see on a computer screen
sect1	db.sect1	db.toplevel.sections	sect1.rnc	A top-level section of the document
sect2	db.sect2	db.sect1.sections	sect1.rnc	A subsection within a Sect1
sect3	db.sect3	db.sect2.sections	sect1.rnc	A subsection within a Sect2
sect4	db.sect4	db.sect3.sections	sect1.rnc	A subsection within a Sect3
sect5	db.sect5	db.sect4.sections	sect1.rnc	A subsection within a Sect4
seealsoie	seealsoie		index.rnc	A "See also"] " entry in an index, rather than in the text

seeie	seeie		index.rnc	A "See" entry in an index, rather than in the text
seg	db.seg		markup.rnc	An element of a list item in a segmented list
seglistitem	db.seglistitem		markup.rnc	A list item in a segmented list
segmentedlist	db.segmentedlist		markup.rnc	A segmented list, a list of sets of elements
segtitle	db.segtitle		markup.rnc	The title of an element of a list item in a segmented list
shortcut	db.shortcut		keyboard.rnc	
simplemsgentry	db.simplems-gentry	db.msgset	msgset.rnc	
symbol	symbol	db.markup.inlines	markup.rnc	A name that is replaced by a value before processing
synopfragment	db.synopfragment		programming.rnc	
synopfragmen-tref	db.synopfragmen-tref		programming.rnc	
synopsis	db.synopsis		programming.rnc	A general-purpose element for representing the syntax of commands or functions
systemitem	db.systemitem	db.technical.inlines	technical.rnc	
tag	db.tag	db.markup.inlines	markup.rnc	A component of XML (or SGML) markup
td	db.html.informalt-able		htmltbl.rnc	
tertiaryie	tertiaryie		index.rnc	
th	db.html.informalt-able		htmltbl.rnc	
tip	tip		admonitions.rnc	
tocdiv			toc.rnc	A division in a table of contents
tocentry			toc.rnc	A component title in a table of contents
token	db.token	db.markup.inlines	markup.rnc	A unit of information
tr	db.html.informalt-able		htmltbl.rnc	
type	db.type	db.programming.in-lines	programming.rnc	
userinput	db.userinput	db.os.inlines	os.rnc	
varargs	varargs		programming.rnc	
varname	varname	db.programming.in-lines	programming.rnc	
void	db.void		programming.rnc	
warning	db.warning		admonitions.rnc	

C. Revision History

Initial Draft. 11 June 2008.

Revised Draft. 6 October 2008. Usage examples, additional clarifications added.

Revised Draft. 5 January 2009. New appendices added, clarifications based on review feedback.

Revised Draft. 13 January 2009. Updated to include 2008-01-14 version of Dublin Core (removed dc namespace, added dc elements to dcterms; better formatted examples, summary of elements added/removed in Introduction.

Revised Draft. 15 January 2009. Removed spurious "remap" attributes from examples. Added table mapping Dublin Core to DocBook equivalents per request from Jirka Kosek.

Revised Draft. 7 May 2009. Added conformance statement.