The DocBook Schema Version 5.0 Errata 01

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Specification URIs

This version:

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Technical Committee:

OASIS DocBook TC

Chair:

Robert Stayton (bobs@sagehill.net), Individual

Editor:

Robert Stayton (bobs@sagehill.net), Individual

Related work:

This specification lists errata for:

- *The DocBook Schema Version 5.0*. Edited by Norman Walsh. 1 November 2009. OASIS Standard. http://docs.oasis-open.org/docbook/specs/docbook-5.0-spec-os.html.

Note that *The DocBook Schema Version 5.0* has been superseded by:

- *DocBook Version 5.1*. Edited by Norman Walsh. 22 November 2016. OASIS Standard. http://docs.oasis-open.org/docbook/docbook/v5.1/os/docbook-v5.1-os.html. Latest version: http://docs.oasis-open.org/docbook/docbook/v5.1/docbook-v5.1.html.

Abstract:

This document lists errata for the OASIS Standard *The DocBook Schema Version 5.0*.

Status:

This document was last revised or approved by the OASIS DocBook TC on the above date. The level of approval is also listed above. Check the "Latest version" location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Technical Committee (TC) are listed at https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=docbook#technical.

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Table of Contents

1 Introduction

[All text is normative unless otherwise labeled]

1.1 IPR Policy

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1.2 Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119] and [RFC8174].

1.3 Normative References

[RFC2119]　　Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <http://www.rfc-editor.org/info/rfc2119>.

[RFC8174]　　Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174, May 2017, <http://www.rfc-editor.org/info/rfc8174>.

[Docbook-5.0]　　*The DocBook Schema Version 5.0*. Edited by Norman Walsh. 1 November 2009, OASIS Standard. http://docs.oasis-open.org/docbook/specs/docbook-5.0-spec-os.html

[Schematron]　　*ISO/IEC 19757-3:2016 Information Technology—Document Schema Definition Language (DSDL)—Part 3: Rule-based validation—Schematron* Publicly available at: http://standards.iso.org/ittf/PubliclyAvailableStandards/c055982_ISO_IEC_19757-3_2016.zip.

2 Schematron rule change

The DocBook RelaxNG schema utilizes embedded Schematron [Schematron] assertions to express certain constraints that cannot be expressed in RelaxNG syntax. After DocBook 5.0 [Docbook-5.0] was released, the standard syntax of one Schematron rule that DocBook 5.0 used was changed, so that the DocBook 5.0 RelaxNG schema no longer parses properly with updated Schematron validators.

The updated standard Schematron syntax replaced the @name attribute with an <s:title> element that serves the same purpose. So every instance of the DocBook Schematron patterns that used @name has been updated to use an <s:title> element instead.

For example, the original syntax for this pattern:

```
   <s:pattern name="Cardinality of segments and titles">

      <s:rule context="db:seglistitem">

         <s:assert test="count(db:seg) = count(../db:segtitle)">The number of
seg elements must be the same as the number of segtitle elements in the
parent segmentedlist</s:assert>

      </s:rule>

   </s:pattern>
```


was replaced with:

```
   <s:pattern>

      <s:title>Cardinality of segments and titles</s:title>

      <s:rule context="db:seglistitem">

         <s:assert test="count(db:seg) = count(../db:segtitle)">The number of
seg elements must be the same as the number of segtitle elements in the
parent segmentedlist</s:assert>

      </s:rule>

   </s:pattern>
```


Note that the only change is to replace the @name attribute with an <s:title> element with the same content. This change was applied to 10 Schematron patterns in DocBook 5.0:

```
   <s:pattern name="Glossary 'firstterm' type constraint">

   <s:pattern name="Footnote reference type constraint">

   <s:pattern name="Glossary 'glossterm' type constraint">

   <s:pattern name="Synopsis fragment type constraint">

   <s:pattern name="Glosssary 'see' type constraint">

   <s:pattern name="Glossary 'seealso' type constraint">

   <s:pattern name="Glossary term definition constraint">

   <s:pattern name="Cardinality of segments and titles">

   <s:pattern name="Root must have version">

   <s:pattern name="Element exclusion">
```

3 Conformance

Since neither @name nor <s:title> in Schematron assertions is necessary for validating DocBook document instances, this change will not require any changes to the conformance rules for existing DocBook documents. So the Conformance section of the DocBook 5.0 standard is unchanged.

Appendix A. Acknowledgments

The following individuals have participated in the creation of this specification and are gratefully acknowledged:

Participants:

Norman Walsh, MarkLogic, Individual
Robert Stayton, Sagehill Enterprises, Individual
Jirka Kosek, Individual

Appendix B. Revision History

Revision	Date	Editor	Changes Made