The DocBook Schema Version 5.0 Errata 01

Committee Specification Draft 01 / Public Review Draft 01

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   OASIS DocBook TC

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Note that The DocBook Schema Version 5.0 has been superseded by:

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

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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


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:

```xml
<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:

```xml
<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:

```xml
<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="Glossary '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

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