

Darwin Information Typing Architecture (DITA) Version 1.3 Errata 01

Committee Specification Draft 01/ Public Review Draft 01

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Additional artifacts:

This prose specification is one component of a work product that also includes:

- *Darwin Information Typing Architecture (DITA) Version 1.3 Errata 01* (this document). <http://docs.oasis-open.org/dita/dita/v1.3/errata01/csprd01/dita-v1.3-errata01-csprd01.html>
- *Darwin Information Typing Architecture (DITA) Version 1.3. Part 0: Overview Plus Errata 01*. <http://docs.oasis-open.org/dita/dita/v1.3/errata01/csprd01/complete/part0-overview/dita-v1.3-errata01-csprd01-part0-overview-complete.html>.
- *Darwin Information Typing Architecture (DITA) Part 1: Base Edition Plus Errata 01*. <http://docs.oasis-open.org/dita/dita/v1.3/errata01/csprd01/complete/part1-base/dita-v1.3-errata01-csprd01-part1-base-complete.html>.
- *Darwin Information Typing Architecture (DITA) Part 2: Technical Content Edition Plus Errata 01*. <http://docs.oasis-open.org/dita/dita/v1.3/errata01/csprd01/complete/part2-tech-content/dita-v1.3-errata01-csprd01-part2-tech-content-complete.html>.

- *Darwin Information Typing Architecture (DITA) Part 3: All-Inclusive Edition Plus Errata 01*. <http://docs.oasis-open.org/dita/dita/v1.3/errata01/csprd01/complete/part3-all-inclusive/dita-v1.3-errata01-csprd01-part3-all-inclusive-complete.html>.
- ZIP file that contains the DITA source for this document: <http://docs.oasis-open.org/dita/dita/v1.3/errata01/csprd01/dita-v1.3-errata01-csprd01-dita.zip>

Related work:

This Errata supersedes *Darwin Information Typing Architecture (DITA) Version 1.3*, a multi-part OASIS Standard that includes:

- *Darwin Information Typing Architecture (DITA) Version 1.3 Part 0: Overview* <http://docs.oasis-open.org/dita/dita/v1.3/os/part0-overview/dita-v1.3-os-part0-overview.html>
- *Darwin Information Typing Architecture (DITA) Version 1.3 Part 1: Base Edition* <http://docs.oasis-open.org/dita/dita/v1.3/os/part1-base/dita-v1.3-os-part1-base.html>
- *Darwin Information Typing Architecture (DITA) Version 1.3 Part 2: Technical Content Edition* <http://docs.oasis-open.org/dita/dita/v1.3/os/part2-tech-content/dita-v1.3-os-part2-tech-content.html>
- *Darwin Information Typing Architecture (DITA) Version 1.3 Part 3: All-Inclusive Edition* <http://docs.oasis-open.org/dita/dita/v1.3/os/part3-all-inclusive/dita-v1.3-os-part3-all-inclusive.html>

Abstract:

This document contains the Errata 01 for Darwin Information Typing Architecture (DITA) Version 1.3.

Status:

This document was last revised or approved by the OASIS Darwin Information Typing Architecture (DITA) 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=dita#technical.

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1 Introduction

This document lists the changes to the Darwin Information Typing Architecture (DITA) Version 1.3 that are introduced by DITA 1.3 Errata 01.

2 Errata change list

This topic lists the changes that have been made to DITA Version 1.3. It includes separate topics for the written specification, content models, and grammar files.

The following conventions are used to indicate changes:

- Deletions are indicated with line through and red text, for example, ~~deletion~~.
- Insertions are indicated with underlining and green text, for example, insertion.

2.1 Written specification

The table lists the changes that have been made to the written portion of the DITA 1.3 specification.

Topic	Original text	Revised text
1.6 Formatting conventions in errata versions of the specification	None	[A new topic that explains how content that has been modified in errata versions of the specification is highlighted with coloring and visual indicators.]
2.2.2.3 DITA map elements [Explanation of <topicsetref>]	Enables authors to reference a navigation branch that is defined in another DITA map.	Enables authors to reference a navigation branch that is defined in <u>the current map or in</u> another DITA map.
2.3.4.2 Key scopes	A key scope is defined by a <map> or <topicref> element that specifies the @keyscope attribute. The @keyscope attribute specifies the names of the scope, separated by spaces.	A key scope is defined by a <map> or <topicref> element that specifies the @keyscope attribute. The @keyscope attribute specifies the names of the scope, separated by spaces. <u>The legal characters for a key scope name are the same as those for keys.</u>
2.4.2 Content reference (conref)	None	Related concept: <u>2.5.5.4 Weak and strong constraints</u>
2.4.4.6.2 Example: Multiple <ditavalref> elements on a branch	<pre><map> <topicref href="intro.dita"/> <!-- Beginning of installing branch --> <topicref href="install.dita"> <ditavalref href="win.ditaval"/> <ditavalref href="mac.ditaval"> <ditavalmeta> <dvrResourceSuffix>-apple</ dvrResourceSuffix> </ ditavalmeta> </ditavalref> <ditavalref href="linux.ditaval"> <ditavalmeta> <dvrResourceSuffix>-linux</ dvrResourceSuffix> </</pre>	<pre><map> <topicref href="intro.dita"/> <!-- Beginning of installing branch --> <topicref href="install.dita"> <ditavalref href="win.ditaval"/> <ditavalref href="mac.ditaval"> <ditavalmeta> <dvrResourceSuffix>-apple</ dvrResourceSuffix> </ ditavalmeta> </ditavalref> <ditavalref href="linux.ditaval"> <ditavalmeta> <dvrResourceSuffix>-linux</ dvrResourceSuffix> </</pre>

Topic	Original text	Revised text
	<pre>ditavalmeta> </ditavalref> <topicref href="do-stuff.dita"> <topicref href="mac-specific- stuff.dita" platform="mac"/> </topicref> <!-- End of installing branch --> <topicref href="cleanup.dita"/> </ topicref> </map></pre>	<pre>ditavalmeta> </ditavalref> <topicref href="do-stuff.dita"> <!-- more topics and nested branches --> <topicref href="mac-specific- stuff.dita" platform="mac"/> </topicref> <!-- End of installing branch --> <topicref href="cleanup.dita"/> </ topicref> </map></pre>
2.5.5.6.6 Example: Correct the constraint for the machinery task	None	[New example topic]
2.6.3.1 DTD: Overview of coding requirements	DITA coding practices for DTDs rely heavily on entities to implement specialization and constraints.	DITA coding practices for DTDs rely heavily on entities to implement specialization and constrraints <u>constraints</u> .
2.7.1.3 General task topic	None	[Added an additional row to the table that compares the structure of the general and strict task topics] <u>tasktroubleshooting (optional, one only) tasktroubleshooting (optional, one only)</u>
2.7.1.4 Task topic (strict task)	None	<tasktroubleshooting> <u>Describes actions that a user might take if the task does not produce the expected results.</u>
3 Language reference: Technical content edition	Each element defined in the techical content specializations	Each element defined in the techical <u>technical</u> content specializations
3 Language reference: All-inclusive edition	Each element defined in the techical content specializations	Each element defined in the techical <u>technical</u> content specializations
3.2.3.1 <table>	The following attributes are available on this element: Universal attribute group, @outputclass, @display, and @scale from Display attribute group, and the attributes defined below.	The following attributes are available on this element: Universal attribute group, @outputclass, @display <u>@frame</u> , and @scale from Display attribute group, and the attributes defined below.
3.3.1.11 <ux-window>	<pre>&lt;ux-window id="p76" name="ux-tablet" top="5%" left="5%" height="90%" width="90%" features="status=no,toolbar=no ,menubar=no,location=no" relative="no" full-screen="no" /></pre>	<pre>&lt;ux-window id="p76" name="ux-tablet" top="5%1cm" left="5%1cm" height="90%4cm" width="90%3cm" features="status=no,toolbar=no ,menubar=no,location=no" relative="no" full-screen="no" /></pre>

Topic	Original text	Revised text
3.4.3.1 <exportanchors>	The <exportanchors> element can be used within a topic prolog, in which case the defined IDs apply to IDs within that topic (excluding sub-topics).	The <exportanchors> element <u>can be</u> used within a topic prolog, in which case the defined IDs apply to IDs within that topic (excluding sub-topics).
3.5.4.2 <ditavalmeta>	The <ditavalmeta> element also can contain other information, such as author and navigation title, that might be useful for map architects but is not rendered in the output.	The <ditavalmeta> element also can contain other information, such as author and navigation title, that might be useful for map architects but is not rendered in the output.
3.10 Technical content elements	Elements in the technical content section include the original Concept, Task, and Reference specializations, as well as the Bookmap and Glossary specializations added with DITA 1.1. It also includes domains designed primarily for technical content, such as the task requirements and software domains.	Elements in the technical content section include the original Concept, Task, and Reference specializations, as well as the Bookmap and Glossary specializations added <u>with DITA 1.1 in later releases</u> . It also includes domains designed primarily for technical content, such as the task requirements and software domains .
3.10.4 Troubleshooting elements	Short description needed	Short description needed <u>Troubleshooting topics document corrective action such as troubleshooting or alarm clearing.</u>
3.10.4.1 <troubleshooting>	The <troubleshooting> element is the top-level element for a troubleshooting topic. Troubleshooting topics document corrective action such as troubleshooting or alarm clearing. Troubleshooting topics begin with a description of a condition that the reader might want to correct, followed by one or more cause-remedy pairs. Each cause-remedy pair is a potential solution to the trouble described in the condition.	The <troubleshooting> element is the top-level element for a troubleshooting topic. Troubleshooting topics document corrective action such as troubleshooting or alarm clearing. Troubleshooting topics begin with a description of a condition that the reader might want to correct, followed by one or more cause-remedy pairs. Each cause-remedy pair is a potential solution to the trouble described in the condition.

2.2 Content models

This topic summarizes the changes that have been made to the (non-normative) content model topics that appear in appendix C of the DITA 1.3 specification.

Many of the content model topics in appendix C were incorrect; elements were repeated unnecessarily. This was a result of how the content model topics were created. The DITA Technical Committee used a program to read the RelaxNG DITA grammar files and generate the content model topics. Unfortunately, this process generated incorrect models for certain elements:

- Elements that were constrained
- Elements that included domain extensions as children

For DITA Version 1.3 Errata 01, the programming error was corrected, and the content model topics were regenerated. Tables that did not include incorrect extra children are unchanged. Tables that repeated child

elements are corrected. In addition, the revised content models also are updated for usability. Child elements (if the elements must not occur in a specific order) now are alphabetized.

Example: Corrections to content model listings

The table below shows changes to the content model listing for the `<ditavalmeta>` element in the base edition.

Original text	Revised text
<pre>(<navtitle>?, (<dvrResourcePrefix>?, <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopeSuffix>?)(<dvrResourcePrefix>?, <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopeSuffix>?))</pre>	<pre>(<navtitle>?, (<dvrResourcePrefix>?, <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopeSuffix>?)(<dvrResourcePrefix>?, <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrResourceSuffix>?, <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopePrefix>?, <dvrKeyscopeSuffix>? <dvrKeyscopeSuffix>?))</pre>

Example: Usability changes to content model listings

The table below shows changes to the content model listing for the `<ph>` element in the base edition; the actual content model is the same, but the child elements have been alphabetized for better readability.

Original text	Revised text
<pre>(text data <boolean> <cite> <keyword> <ph> <i> <line-through> <overline> <sup> <sub> <tt> <u> <q> <term> <text> <tm> <xref> <state> <data> <sort-as> <data- about> <foreign> <unknown> <image> <draft- comment> <fn> <indextermref> <indexterm> <required-cleanup>)*</pre>	<pre>(text data <boolean> <cite> <data> <data- about> <draft-comment> <fn> <foreign> <i> <image> <indexterm> <indextermref> <keyword> <line-through> <overline> <ph> <q> <required-cleanup> <sort-as> <state> <sub> <sup> <term> <text> <tm> <tt> <u> <unknown> <xref>)*</pre>

2.3 Grammar files

This topic lists the changes that have been made to the grammar files.

Catalog files

Certain catalog files were incomplete. The catalog files now contain the following catalog entries:

- System and URI entries for `mathmlDomainProxy.rng`
- System and URI entries for `mathml3-qname.mod`
- URI entries for `ditaarch.xsd` and `xml.xsd`

Document-type shells and module files

The DTD- and XSD-based versions of the document-type shells for the Learning Group map and Learning Object map referenced incorrectly constructed constraints. As a result, these document-type shells enabled content models that were more permissive than those allowed by the (normative) RNG-based versions of the document-type shells. The DTD- and XSD-based constraint modules and document-type shells now have been revised so that they match the RNG-based versions of those document-type shells.

The following files are modified:

- DTDs:

- learningAggregationsTopicrefConstraint.mod
- learningGroupMap.dtd
- learningObjectMap.dtd

- XML schemas:

- learningGroupMap.xsd
- learningObjectMap.xsd
- learningGroupMapIntMod.xsd (new file)
- learningObjectMapIntMod.xsd (new file)
- learningAggregationsTopicrefConstraintMod.xsd (removed file)

Appendix A Acknowledgments

(Non-normative) Many members of the OASIS DITA Technical Committee participated in the creation of this specification errata and are gratefully acknowledged.

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Appendix B Revision history

(Non-normative) The following table contains information about revisions to this document.

Revision	Date	Editor	Description of changes
01	22 July 2016	Kristen James Eberlein	Initial generation of stub files
02	11 August 2016	Kristen James Eberlein	Generation of working draft 01