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Darwin Information Typing Architecture (DITA) Version 1.3 Errata 01

OASIS Approved Errata

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Specification URIs

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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). OASIS Approved Errata. http://docs.oasis-open.org/dita/dita/v1.3/errata01/os/dita-v1.3-errata01-os.html
- *Darwin Information Typing Architecture (DITA) Version 1.3. Part 0: Overview Plus Errata 01*. OASIS Standard incorporating Approved Errata. http://docs.oasis-open.org/dita/dita/v1.3/errata01/os/complete/part0-overview/dita-v1.3-errata01-os-part0-overview-complete.html.
- *Darwin Information Typing Architecture (DITA) Part 1: Base Edition Plus Errata 01*. OASIS Standard incorporating Approved Errata. http://docs.oasis-open.org/dita/dita/v1.3/errata01/os/complete/part1-base/dita-v1.3-errata01-os-part1-base-complete.html. This edition contains topic and map; it is designed for implementers and users who need only the most fundamental pieces of the DITA framework.
- *Darwin Information Typing Architecture (DITA) Part 2: Technical Content Edition Plus Errata 01*. OASIS Standard incorporating Approved Errata. http://docs.oasis-open.org/dita/dita/v1.3/errata01/os/complete/part2-tech-content/dita-v1.3-errata01-os-part2-tech-content-complete.html. This edition

contains the base architecture plus the technical-content specializations; it is designed for authors who use information typing and document complex applications and devices.

- *Darwin Information Typing Architecture (DITA) Part 3: All-Inclusive Edition Plus Errata 01*. OASIS Standard incorporating Approved Errata. http://docs.oasis-open.org/dita/dita/v1.3/errata01/os/complete/part3-all-inclusive/dita-v1.3-errata01-os-part3-all-inclusive-complete.html. This edition contains the base architecture, technical content, and the learning and training specializations. It is designed for implementers who want all OASIS-approved specializations, as well as users who develop learning and training materials.

- ZIP file that contains the DITA source for this document: http://docs.oasis-open.org/dita/dita/v1.3/errata01/os/dita-v1.3-errata01-os-dita.zip

For more information about the editions and what they contain, see Editions.

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.

TC members should send comments on this specification to the TC's email list. Others should send comments to the TC's public comment list, after subscribing to it by following the instructions at the "Send A Comment" button on the TC's web page at https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=dita.

For information on whether any patents have been disclosed that may be essential to implementing this specification, and any offers of patent licensing terms, please refer to the Intellectual Property Rights section of the TC's web page (https://www.oasis-open.org/committees/dita/ipr.php).

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Table of contents

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 the current map or in 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. The legal characters for a key scope name are the same as those for keys.
2.4.2 Content reference (conref)	None	**Related concept:** 2.5.5.4 Weak and strong constraints
2.4.4.6.2 Example: Multiple `<ditavalref>` elements on a branch	```<map> <topicref href="intro.dita"/> <!-- Begining 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> </```	```<map> <topicref href="intro.dita"/> <!-- Begining 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> </```

Topic	Original text	Revised text
	```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>```	```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>```
2.5.3.6 `@class` attribute rules and syntax	A sequence of one or more tokens of the form `"/",` with each taoken separated by one or more spaces, where is the short name of the vocabulary module and is the element type name.	A sequence of one or more tokens of the form `"/",` with each ~~taoken~~ token separated by one or more spaces, where is the short name of the vocabulary module and is the element type name.
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 constrraints.	DITA coding practices for DTDs rely heavily on entities to implement specialization and ~~constrraints~~ constraints.
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] tasktroubleshooting (optional, one only) | tasktroubleshooting (optional, one only)
2.7.1.4 Task topic (strict task)	None	**<tasktroubleshooting>** Describes actions that a user might take if the task does not produce the expected results.
3 Language reference: Technical content edition	Each element defined in the techical content specializations	Each element defined in the ~~techical~~technical content specializations
3 Language reference: All-inclusive edition	Each element defined in the techical content specializations	Each element defined in the ~~techical~~technical 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`~~ `@frame`, and `@scale` from Display attribute group, and the attributes defined below.

Topic	Original text	Revised text
| 3.3.1.11 `<ux-window>` | ```
&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" />
``` | ```
&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" />
``` |
3.4.3.1 `<exportanchors>`	The `<exportanchors>` element canbe used within a topic prolog, in which case the defined IDs apply to IDs within that topic (excluding sub-topics).	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).
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 ~~with DITA 1.1~~ in later releases. 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~~ Troubleshooting topics document corrective action such as troubleshooting or alarm clearing.
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.
3.11.2.2 `<learningObjectMap>`	The `<learningObjectMap>` references one and only one `<learningObject>`. Any `<topicref>` elements that occur before the `<learningObject>` are	Use the ~~The~~ `<learningObjectMap>` ~~references one and only one~~ to reference a single `<learningObject>`. Any specializations of `<topicref>`

Topic	Original text	Revised text
	intended to be resource-only references such as key definitions.	elements that occur before the `<learningObject>` are intended to be resource-only references such as key definitions.

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
(`<navtitle>`?, (`<dvrResourcePrefix>`?, `<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopeSuffix>`?)(`<dvrResourcePrefix>`?, `<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopeSuffix>`?))	(`<navtitle>`?, (`<dvrResourcePrefix>`?, `<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? ~~`<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopeSuffix>`?)(`<dvrResourcePrefix>`?, `<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrResourceSuffix>`?, `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopePrefix>`?, `<dvrKeyscopeSuffix>`? `<dvrKeyscopeSuffix>`?~~))

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

Original text	Revised text
comment> | <fn> | <indextermref> | <indexterm> | <required-cleanup>)*	<sub> | <sup> | <term> | <text> | <tm> | <tt> | <u> | <unknown> | <xref>)*

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`
- Public identifiers for machinery task body constraint and map classification domain that match the public IDs shipped with DITA 1.2.

Document-type shells and module files: Learning Group map and Learning Object map

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)

Document-type shells and module files: Comments

Some grammar files contained incorrect public identifiers in XML comments.

The following files are modified:

- `bookmap.`
- `deliveryTargetAttDomain.`
- `ditaval.`
- `glossary.`

where is either `dtd`, `rng`, or `xsd`.

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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Bob Thomas, Individual Member

Jim Tivy, Bluestream

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
03	09 December 2016	Kristen James Eberlein	Final build for OASIS publication