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Additional artifacts:

This document is part of a work product that also includes:

- ZIP file that contains the DITA source for this document.

Related work:

This document is related to:

- *Darwin Information Typing Architecture (DITA) Version 1.3 Errata 02*. OASIS Approved Errata. <http://docs.oasis-open.org/dita/dita/v1.3/errata02/os/dita-v1.3-errata02-os.html>
- *Darwin Information Typing Architecture (DITA) Version 1.3. Part 0: Overview Plus Errata 02*. OASIS Standard incorporating Approved Errata. <http://docs.oasis-open.org/dita/dita/v1.3/dita-v1.3-part0-overview.html>.
- *Darwin Information Typing Architecture (DITA) Part 1: Base Edition Plus Errata 02*. OASIS Standard incorporating Approved Errata. <http://docs.oasis-open.org/dita/dita/v1.3/dita-v1.3-part1-base.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 02*. OASIS Standard incorporating Approved Errata. <http://docs.oasis-open.org/dita/dita/v1.3/dita-v1.3-part2-tech-content.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 02*. OASIS Standard incorporating Approved Errata. <http://docs.oasis-open.org/dita/dita/v1.3/dita-v1.3-part3-all-inclusive.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.

Abstract:

<Add an abstract for the committee note here>

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.

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1 Introduction

1.1 Audience

1.2 Terminology

2 DITA 2.0: A backwards-incompatible release

2.1 Reduction of technical debt

2.2 Removal of deprecated and "reserved for future use" items

2.3 Improvement of architectural design

3 Removed items

DITA 2.0 removes items (attributes, attribute values, elements, and entities) that were previously deprecated, designated as “reserved for future use”, or defined by mistake and retained only to maintain backwards compatibility.

3.1 Deprecated items

Deprecated items that are removed from DITA 2.0 can be replaced with alternate markup.

3.1.1 @alt

The deprecated @alt attribute is removed from DITA 2.0. It can be replaced with the <alt> element.

The @alt attribute is available on the <image> element; the attribute has been deprecated since DITA 1.0. The <image> element typically is used in topics, although the element also can appear as a child of <ph> in DITA maps.

DITA 1.3 markup

The following code sample shows how the @alt attribute is used in DITA 1.x releases.

```
<image href="bike.gif" alt="Two-wheeled bicycle"/>
```

DITA 2.0 markup

The following code sample shows how the @alt attribute can be replaced by the <alt> element in DITA 2.0.

```
<image href="bike.gif"  
  <alt>Two-wheeled bicycle</alt>  
</image>
```

3.1.2 <boolean>

The deprecated <boolean> element is removed from DITA 2.0. It can be replaced with the <state> element.

The <boolean> element has been deprecated since DITA 1.0. It typically is used in topics, although the element also can appear as a child of <ph> in DITA maps.

DITA 1.3 markup

The following code sample shows how the <boolean> element is used in DITA 1.x releases.

```
She said <boolean state="yes"/> when I asked her to marry me!
```

DITA 2.0 markup

The following code sample shows how the `<boolean>` element can be replaced by the `<state>` element in DITA 2.0.

```
She said <state name="boolean" value="yes"/> when I asked her to marry me!
```

3.1.3 @longdescref

The `@longdescref` attribute is available on the `<image>` element; the attribute has been deprecated since DITA 1.2. The `<image>` element typically is used in topics, although the element also can appear as a child of `<ph>` in DITA maps.

DITA 1.3 markup

The following code sample shows how the `@longdescref` attribute is used in DITA 1.x releases.

```
<image href="puffin.jpg" longdescref="http://www.example.org/birds/puffin.html">
  <alt>Puffin picture</alt>
</image>
```

DITA 2.0 markup

The following code sample shows how the `@longdescref` attribute can be replaced by the `<longdescref>` element in DITA 2.0.

```
<image href="puffin.jpg">
  <alt>Puffin picture</alt>
  <longdescref href="http://www.example.org/birds/puffin.html"
    scope="external"
    format="html"/>
</image>
```

3.1.4 @navtitle

The deprecated `@navtitle` attribute is removed from DITA 2.0. It can be replaced with the `<navtitle>` element.

The `@navtitle` attribute is available on the `<topicref>` element and specializations of `<topicref>`; the attribute has been deprecated since DITA 1.2.

The `<topicref>` element is available only in DITA maps.

DITA 1.3 markup

The following code sample shows how the `@navtitle` attribute is used in DITA 1.x releases.

```
<subjectScheme>
  <subjectdef keys="os" navtitle="Operating system">
    <subjectdef keys="linux" navtitle="Linux">
      <subjectdef keys="redhat" navtitle="RedHat Linux"/>
      <subjectdef keys="suse" navtitle="SuSE Linux"/>
    </subjectdef>
    <subjectdef keys="windows" navtitle="Windows"/>
    <subjectdef keys="zos" navtitle="z/OS"/>
  </subjectdef>
  <enumerationdef>
    <attributedef name="platform"/>
    <subjectdef keyref="os"/>
  </enumerationdef>
</subjectScheme>
```



```
</enumerationdef>
</subjectScheme>
```

DITA 2.0 markup

The following code sample shows how the @alt attribute can be replaced by the <alt> element in DITA 2.0.

```
<subjectScheme>
  <subjectdef keys="os">
    <topicmeta>
      <navtitle>Operating systems</navtitle>
    </topicmeta>
    <subjectdef keys="linux">
      <topicmeta>
        <navtitle>Linux</navtitle>
      </topicmeta>
      <subjectdef keys="redhat">
        <topicmeta>
          <navtitle>RedHat Linux</navtitle>
        </topicmeta>
      </subjectdef>
    <subjectdef keys="suse">
      <topicmeta>
        <navtitle>SUSE Linux</navtitle>
      </topicmeta>
    </subjectdef>
  </subjectdef>
  <subjectdef keys="windows">
    <topicmeta>
      <navtitle>Windows</navtitle>
    </topicmeta>
  </subjectdef>
  <subjectdef keys="zos">
    <topicmeta>
      <navtitle>z/OS</navtitle>
    </topicmeta>
  </subjectdef>
</subjectdef>
<enumerationdef>
  <attributedef name="platform"/>
  <subjectdef keyref="os"/>
</enumerationdef>
</subjectScheme>
```

3.1.5

The deprecated entity is removed from DITA 2.0. It can be replaced with the entity.

The entity was deprecated in DITA 1.2. The entity was available for use in topics and specializations of topics.

DITA 1.3 markup

The following code sample shows how the entity is used in DITA 1.x releases.

```
<p>When using <tm owner="Acme">Feline&nbsp;Greenies</tm> pill pockets,
you might need to keep them secured in order to prevent your cat from absconding
with the delicious morsels. A mason jar with a tight lid will work well.</p>
```

DITA 2.0 markup

The following code sample shows how the ` ` entity can be replaced by the ` ` entity in DITA 2.0.

```
<p>When using <tm owner="Acme">Feline&#160;Greenies</tm> pill pockets,
you might need to keep them secured in order to prevent your cat from absconding
with the delicious morsels. A mason jar with a tight lid will work well.</p>
```

3.1.6 @print

The deprecated `@navtitle` attribute is removed from DITA 2.0. It can be replaced with the `<navtitle>` element.

The `@navtitle` attribute is available on the `<topicref>` element and specializations of `<topicref>`; the attribute has been deprecated since DITA 1.3.

The `<topicref>` element is available only in DITA maps.

DITA 1.3 markup

The following code sample shows how the `@print` attribute is used in DITA 1.x releases.

```
<map>
...
<topicref href="foo.dita" print="no">
...
</map>
```

DITA 2.0 markup

The following code sample shows how the `@print` attribute can be replaced by the `@deliveryTarget` attribute in DITA 2.0.

```
<map>
...
<topicref href="foo.dita" deliveryTarget="Web-only">
...
</map>
```

The above code sample assumes that a DITAVAL file is used to exclude `topicref deliveryTarget="Web-only"/>` when a print deliverable is published. A subject scheme map can be used to define permitted values for the `@deliveryTarget` attribute.

3.1.7 @title

The deprecated `@title` attribute is removed from DITA 2.0. It can be replaced with the `<title>` element.

The `@title` attribute is available on the `<map>` element and specializations of `<map>`; the attribute has been deprecated since DITA 1.1.

DITA 1.3 markup

The following code sample shows how the `@title` attribute is used in DITA 1.x releases.

```
<map title="Bats">
  <topicref href="bats.dita">
    <topicref href="batcaring.dita"/>
  </topicref>
</map>
```

```
<topicref href="batfeeding.dita"/>
<topicref href="batsonar.dita"/>
<topicref href="batguano.dita"/>
<topicref href="bathistory.dita"/>
</topicref>
</map>
```

DITA 2.0 markup

The following code sample shows how the @title attribute can be replaced by the <title> element in DITA 2.0.

```
<map>
  <title>Bats</title>
  <topicref href="bats.dita">
    <topicref href="batcaring.dita"/>
    <topicref href="batfeeding.dita"/>
    <topicref href="batsonar.dita"/>
    <topicref href="batguano.dita"/>
    <topicref href="bathistory.dita"/>
  </topicref>
</map>
```

3.2 "Reserved for future use" items

Certain items were designated in the DITA 1.x specifications as “reserved for future use”. These items are removed in DITA 2.0.

There is no migration path for items that were designated as “reserved for future use”. The OASIS DITA Technical Committee cannot offer migration advice for items that were never formally defined, as we cannot guess how implementations might have used these items.

3.2.1 @collection-type on <relcolspec> and <reltable>

The @collection-type attribute on <relcolspec> and <reltable> is removed from DITA 2.0.

The @collection-type attribute on <relcolspec> and <reltable> elements was designated in DITA 1.x as “undefined and reserved for future use”.

3.2.2 <indextermref>

The <indextermref> is removed from DITA 2.0.

The <indextermref> element was designated in DITA 1.x as “reserved for future use”.

3.2.3 @locktitle on <topichead> and <topicgroup>

The @locktitle attribute on <topichead> and <topicgroup> is removed from DITA 2.0.

The @collection-type attribute on <relcolspec> and <reltable> elements was designated in DITA 1.x as “undefined and reserved for future use”.

3.2.4 @refcols

The @refcols attribute is removed from DITA 2.0.

The @refcols attribute on the <simpletable> element was designated in DITA 1.x as “undefined and reserved for future use”.

3.3 Defined-by-mistake items

Items that were defined by mistake and retained only to maintain backwards compatibility are removed in DITA 2.0.

3.3.1 @collection-type="tree"

3.3.2 @keyref on <navref>

The @keyref attribute on <navref> is removed in DITA 2.0.

The @keyref attribute on the <navref> element was unintentionally defined in the original DITA grammar files and was retained for backwards compatibility.

4 Migration aids

4.1 Checklists

4.2 Schematron rules

4.3 DITA Open Toolkit plug-ins

4.4 XSLT scripts

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B Revision history

The following table contains information about revisions to this document.

Revision	Date	Editor	Description of changes
01	03 October 2020	Kristen James Eberlein	Initial draft