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## Stage 3: #278 Remove @lockmeta attribute

Remove the @lockmeta attribute from the <topicmeta> and <bookmeta> elements.

### Champion

Bill Burns, Healthwise, Inc.

### Tracking information

Event	Date	Links
Stage 1 proposal accepted	July 16, 2019	
Stage 2 proposal submitted	20 August 2019	<a href="https://lists.oasis-open.org/archives/dita/201908/msg00072.html">https://lists.oasis-open.org/archives/dita/201908/msg00072.html</a>
Stage 2 proposal discussed	20 August 2019	<a href="#">Minutes</a>
Stage 2 proposal approved	Aug. 27, 2019	<a href="#">Minutes</a>
Stage 3 proposal submitted to reviewers	Oct. 8, 2019	Kristen James Eberlein, Eberlein Consulting LLC Scott Hudson, The Boeing Company
Stage 3 proposal (this document) submitted to TC		

### Approved technical requirements

The @lockmeta attribute is ambiguous and poorly defined. While it was present in the DITA 1.0 DTDs, it was not defined in the spec. An ambiguous definition was added in the DITA 1.1 time frame. Rather than work to define an attribute that we do not understand clear use cases for, the DITA TC recommends removing the @lockmeta attribute.

### Dependencies or interrelated proposals

None

### Modified grammar files

map.mod (1.3)	map.mod (2.0)
<pre>&lt;!ENTITY % topicmeta.attributes     "lockmeta         (no            yes            -dita-use-conref-          target)         #IMPLIED     %univ-atts;"</pre>	<pre>&lt;!ENTITY % topicmeta.attributes     "%univ-atts;" &gt;</pre>

map.mod (1.3)	map.mod (2.0)
>	

bookmap.mod (1.3)	bookmap.mod (2.0)
<pre>&lt;!ENTITY % bookmeta.attributes     "lockmeta         (no            yes            -dita-use-conref- target)         #IMPLIED     %univ-atts;" &gt;</pre>	<pre>&lt;!ENTITY % bookmeta.attributes     "%univ-atts;" &gt;</pre>

mapMod.rng (1.3)	mapMod.rng (2.0)
<pre>&lt;define name="topicmeta.attributes"&gt;   &lt;optional&gt;     &lt;attribute name="lockmeta"&gt;       &lt;choice&gt;         &lt;value&gt;no&lt;/value&gt;         &lt;value&gt;yes&lt;/value&gt;         &lt;value&gt;-dita-use-conref- target&lt;/value&gt;       &lt;/choice&gt;     &lt;/attribute&gt;   &lt;/optional&gt;   &lt;ref name="univ-atts"/&gt; &lt;/define&gt;</pre>	<pre>&lt;define name="topicmeta.attributes"&gt;   &lt;ref name="univ-atts"/&gt; &lt;/define&gt;</pre>

bookmapMod.rng (1.3)	bookmapMod.rng (2.0)
<pre>&lt;define name="bookmeta.attributes"&gt;   &lt;optional&gt;     &lt;attribute name="lockmeta"&gt;       &lt;choice&gt;         &lt;value&gt;no&lt;/value&gt;         &lt;value&gt;yes&lt;/value&gt;         &lt;value&gt;-dita-use-conref- target&lt;/value&gt;       &lt;/choice&gt;     &lt;/attribute&gt;   &lt;/optional&gt;   &lt;ref name="univ-atts"/&gt; &lt;/define&gt;</pre>	<pre>&lt;define name="bookmeta.attributes"&gt;   &lt;ref name="univ-atts"/&gt; &lt;/define&gt;</pre>

## Modified terminology

None

## Modified specification documentation

2.2.4.3, 3.3.1.3, and 3.10.6.2.1

The following table contains precise suggestions for changes to be made to topics. Deletions are indicated with line through and red text, for example, ~~deletion~~.

Topic	DITA 2.0, working draft 11 content	Updated content
2.2.4.3 - Metadata in maps and topics	In a topic, the metadata elements apply to the entire topic. In a map, they supplement or override any metadata that is provided in the referenced topics. When the same metadata element or attribute is specified in both a map and a topic, by default the value in the map takes precedence; the assumption here is that the author of the map has more knowledge of the reusing context than the author of the topic. <del>The @lockmeta attribute on the &lt;topicmeta&gt; element controls whether map-specified values override values in the referenced topic.</del>	In a topic, the metadata elements apply to the entire topic. In a map, they supplement or override any metadata that is provided in the referenced topics. When the same metadata element or attribute is specified in both a map and a topic, by default the value in the map takes precedence; the assumption here is that the author of the map has more knowledge of the reusing context than the author of the topic.
3.3.1.3 - <topicmeta>	The following attributes are available on this element: Universal attribute group <del>and the attribute defined below.</del>  <b>@lockmeta</b>  <del>By default, metadata in the map supplements or overrides metadata that is specified at the topic level, unless the @lockmeta attribute of the &lt;topicmeta&gt; element is set to "no". Allowable values are "yes", "no", and Using the -dita-use-eonref-target value.</del>	The following attributes are available on this element: Universal attribute group.
3.10.6.2.1 <bookmeta>	The following attributes are available on this element: Universal attribute group <del>and the attribute defined below.</del>  <b>@lockmeta</b>  <del>By default, metadata in the map supplements or overrides metadata that is specified at the topic level, unless the @lockmeta attribute of the &lt;topicmeta&gt; element is set to "no". Allowable values are "yes", "no", and Using the -dita-use-eonref-target value.</del>	The following attributes are available on this element: Universal attribute group.

## Migration plans for backwards incompatibilities

Impacts	Migration approach
DITA source	Remove @lockmeta from any maps that contain the attribute
Processing	Since processing expectations in earlier specifications were unclear, impacts are unlikely. If implementations built custom processing for @lockmeta, they will need to modify it.
Existing specializations or constraints	Remove @lockmeta from existing specializations.