

Scoped Reltables Test

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Chapter 1. Submap 1 root topic

Root of structure under submap 1

Submap 1 submap-01/topic-01.dita

Submap 1 submap-01/topic-01

Expected related links from this topic in the scope of submap 1:

- Topic 02 as used from submap 1

Expected related links from this topic in the scope of submap 2:

- None

Table 1. Submap 1 reltable

Col1	Col2
<topicref keyref="topic-01"/>	<topicref keyref="topic-02"/>
<topicref keyref="sub01.topic-01">	<topicref keyref="topic-02"/>
<topicref keyref="topic-02"/>	<topicref keyref="topic-03"/>

Table 2. Submap 2 reltable

Col1	Col2
<topicref keyref="topic-02"/>	<topicref keyref="topic-04"/>

Related information

Submap 1 topic-02

Submap 1 topic-02

Submap 1

Expected related links from this topic in the scope of submap 1:

- Topic 01 as used from root map
- submap-01/Topic 01 as used from submap 1
- Topic 03 as used from submap 1

Expected related links from this topic in the scope of submap 2:

- Topic 04 as used from submap 2

Expected related links from this topic from root map reltable:

- Root map's topic-01

Table 3. Submap 1 reltable

Col1	Col2
<topicref keyref="topic-01"/>	<topicref keyref="topic-02"/>
<topicref keyref="sub01.topic-01">	<topicref keyref="topic-02"/>
<topicref keyref="topic-02"/>	<topicref keyref="topic-03"/>

Table 4. Submap 2 reltable

Col1	Col2
<topicref keyref="topic-02"/>	<topicref keyref="topic-04"/>

Related information

- Root key scope ./topic-01.dita
- Submap 1 submap-01/topic-01.dita
- Submap 1 topic-03
- Submap 2 topic-04

Submap 1 topic-03

Submap 1

Expected related links from this topic in the scope of submap 1:

- Topic 02 as used from submap 1

Expected related links from this topic in the scope of submap 2:

- None

Table 5. Submap 1 reltable

Col1	Col2
<topicref keyref="topic-01"/>	<topicref keyref="topic-02"/>
<topicref keyref="sub01.topic-01">	<topicref keyref="topic-02"/>
<topicref keyref="topic-02"/>	<topicref keyref="topic-03"/>

Table 6. Submap 2 reltable

Col1	Col2
<topicref keyref="topic-02"/>	<topicref keyref="topic-04"/>

Related information

Submap 1 topic-02

Chapter 2. Submap 2 root topic

Root of structure under submap 2

Submap 2 submap-01/topic-01.dita

Submap 2 submap-01/topic-01

Expected related links from this topic in the scope of submap 1:

- Topic 02 as used from submap 1

Expected related links from this topic in the scope of submap 2:

- None

Table 7. Submap 1 reltable

Col1	Col2
<topicref keyref="topic-01"/>	<topicref keyref="topic-02"/>
<topicref keyref="sub01.topic-01">	<topicref keyref="topic-02"/>
<topicref keyref="topic-02"/>	<topicref keyref="topic-03"/>

Table 8. Submap 2 reltable

Col1	Col2
<topicref keyref="topic-02"/>	<topicref keyref="topic-04"/>

Submap 2 topic-02

Submap 2

Expected related links from this topic in the scope of submap 1:

- Topic 01 as used from root map
- submap-01/Topic 01 as used from submap 1
- Topic 03 as used from submap 1

Expected related links from this topic in the scope of submap 2:

- Topic 04 as used from submap 2

Expected related links from this topic from root map reltable:

- Root map's topic-01

Table 9. Submap 1 reltable

Col1	Col2
<topicref keyref="topic-01"/>	<topicref keyref="topic-02"/>
<topicref keyref="sub01.topic-01">	<topicref keyref="topic-02"/>
<topicref keyref="topic-02"/>	<topicref keyref="topic-03"/>

Table 10. Submap 2 reltable

Col1	Col2
<topicref keyref="topic-02"/>	<topicref keyref="topic-04"/>

Related information

Root key scope [./topic-01.dita](#)

Submap 2 topic-04

Submap 2

Expected related links from this topic in the scope of submap 1:

- None (topic is not used from submap 1 and is not linked by the submap 1 reltable)

Expected related links from this topic in the scope of submap 2:

- To topic-02 as used in submap 2.

Table 11. Submap 1 reltable

Col1	Col2
<topicref keyref="topic-01"/>	<topicref keyref="topic-02"/>

Table 11. Submap 1 reltable (continued)

Col1	Col2
<topicref keyref="sub01.topic-01">	<topicref keyref="topic-02"/>
<topicref keyref="topic-02"/>	<topicref keyref="topic-03"/>

Table 12. Submap 2 reltable

Col1	Col2
<topicref keyref="topic-02"/>	<topicref keyref="topic-04"/>

Related information

[Submap 1 topic-02](#)

Chapter 3. Root key scope `./topic-01.dita`

This content set exercises the resolution of keyrefs from within relationship tables where the reltables are in different key scopes.

In this content there are three maps:

- The root map
- Submap 1, in scope "sub01"
- Submap 2, in scope "sub02"

Each map has a relationship table that relates topics together using topicrefs that make key references.

The DITA 1.x rules for relationship tables say that the effective set of relationships is the "union of the relationship tables from all maps in the map tree" without regard to the implications of key scopes. This rule was workable through DITA 1.2 but with DITA 1.3 raises the question of what scope the keyrefs within a relationship table are resolved: The scope as authored or the scope of the root map they are unioned in to.

For DITA 2.0 the TC has decided to remove the "union of the relationship tables" language, so that keyrefs from relationship tables are resolved in whatever scope they exist in.

This test set has key references to the same key name from relationship tables in different scopes in order to see what a processor does with them.

The content is structured so that each use of a topic reflects its use context through a scope-specific definition of the string key "scopename", making it easy to know which use of a topic you're looking at when viewing a rendition.

Root key scope.

Expected links from this topic from the reltable in root-map:

- Topic 2 as used from submap 1
- Topic 2 as used from submap 2

Expected links from this topic based on reltable in submap 1:

- Topic 2 as used from submap 1 (link to key "topic-01" from submap 1 reltable—keydef for "topic-01" from root map overrides keydef for "topic-01" in submap 1).

Expected links from this topic based on reltable in submap 2:

- None (no reltable link to key "topic-01" in submap 2 reltable)

Reltable as a table:

Table 13. Root map reltable

<code><topicref keyref="topic-01"/></code>	<code><topicref keyref="sub01.topic-02"/></code> <code><topicref keyref="sub02.topic-02"/></code>
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Related information

Submap 1 topic-02

Submap 2 topic-02