

# Publication: Review J: Hazard statement domain and related links elements (00814464-DD\_1)

## Topic: hazardsymbol (DA00508687)

### Paragraph-level comments

The following attributes are available on this element: universal attributes , @keyref , @format , @href , @scope , and the attributes defined below.

Annotation	Reviewer	Status	Type	Date	Topic version
Should this section be shared from <img>? If not the section, at least all the definitions?	zlawson	updated	comment	14/2/2022 01:07:45	
Otherwise, should all the attributes be alphabetized?					
All of the definitions are reused from image (they use conref to pull from a common definition for height/width/etc). We can't reuse the whole bit because this removes a couple of attributes that are available on the un-specialized image, such as the align attribute.	randerson	updated	comment	16/2/2022 03:03:17	
I've fixed the attributes to make them alphabetized - marking <b>CLOSED</b>					

The following code sample defines a hazard statement that specifies an image that illustrates the type of hazard:

Annotation	Reviewer	Status	Type	Date	Topic version
Since there's a specific statement about how if <hazardsymbol> is a direct child of <hazardstatement>, should there also be an example of it?	zlawson	updated	comment	14/2/2022 01:11:30	
I don't think so, no - we don't need an example of each possible way it can be used, and I think the Usage Information on this bit is complete enough to describe what it means. Marking <b>CLOSED</b>	randerson	updated	comment	16/2/2022 03:05:11	

## Topic: Related links elements (DA00509156)

### Topic-level comments

Annotation	Reviewer	Status	Type	Date	Topic version
<p>Somewhere in these sections do we want to reference/link to whatever architectural bits discuss relationship tables?</p> <p>Is it worth mentioning behavior might be impacted by @linking attributes from maps?</p> <p>I don't think so:</p> <ol style="list-style-type: none"> <li>1. How these elements work is not technically related to any relationship table markup. One possible implementation (like DITA-OT) is for a tool to evaluate relationship tables, and convert those to equivalent link markup in memory or in a temp file, but not all applications do that. This section just describes the meaning of link markup in the topics.</li> <li>2. I don't think so, for the same reason. Technically, no link element coded in a topic will ever be affected by something in the map. Unless I'm misunderstanding and this is talking about the attribute cascade - in which case I think we've updated the topics to ensure that is highlighted in the Processing section for each element individually.</li> </ol> <p>Marking <b>CLOSED</b></p>	zlawson	updated	comment	14/2/2022 02:21:19	
	randerson	updated	comment	16/2/2022 03:15:37	

### Paragraph-level comments

The related links elements define, group, and describe hyperlinks that are embedded in a DITA topics. The links are contained by the <related-links> element and apply to the DITA topic as a whole.

Annotation	Reviewer	Status	Type	Date	Topic version
<p>The related links elements define, group, and describe hyperlinks that are embedded in a DITA topic. The links are contained by the element and apply to the DITA topic as a whole.</p> <p>Fixed - marking <b>COMPLETED</b></p>	sdoherty	updated	change	8/2/2022 13:55:00	
	randerson	updated	comment	16/2/2022 03:12:22	

### Topic: hazardstatement (DA00508675)

#### Paragraph-level comments

The following code sample generates an ANSI Z535.6 grouped safety message that specifies information about multiple hazards:

Annotation	Reviewer Status	Type	Date	Topic version
<p>Is it worth mentioning earlier that &lt;hazardstatement&gt; can contain multiple &lt;messagepanel&gt; elements? I'm guessing that's part of the standard or will be validated by the editor, but since I have to pay money to read the standard, it's harder to learn.</p> <p>I'm probably trying to turn this into a user's guide again.</p>	zlawson	updated comment	14/2/2022 00:56:21	
<p>I don't think this part is related to the standard; DITA allows you to have multiple hazards, regardless of how the ANSI spec organizes the information. Since we already have an example showing how to do it, I don't think we need to mention earlier that it's allowed.</p>	randerson	updated comment	14/2/2022 22:02:21	
<p>Marking <b>CLOSED</b></p>				

```

<hazardstatement type="warning">
  <messagepanel>
    <typeofhazard>
      <hazardsymbol keyref="hazard-electricshock"/>
      ELECTRIC SHOCK HAZARD</typeofhazard>
      <consequence>The equipment must be grounded. Improper grounding, setup, or usage of
      the system can cause electric shock
      </consequence>
      <howtoavoid>
      <hazardsymbol keyref="hazard-groundpowersource"/>
      <ul>
      <li>Turn off and disconnect power at main switch before disconnecting any
      cables or before servicing or installing any equipment.</li>
      <li>Connect only to grounded power sources.</li>
      <li>All electric wiring must be done by a qualified electrician and comply
      with all local codes and regulations.</li>
      </ul>
      </howtoavoid>
    </messagepanel>
    <!-- ... -->
    <messagepanel>
      <typeofhazard>
      <hazardsymbol keyref="hazard-hotsurface"/>
      BURN HAZARD</typeofhazard>
      <consequence>Electric surfaces and fluid can become very hot during
      operation.</consequence>
      <howtoavoid>
      To avoid burns:
      <ul>
      <li>Do not touch hot fluid or equipment.</li>
      </ul>
      </howtoavoid>
    </messagepanel>
  </hazardstatement>

```

I know in general we're supposed to ignore formatting, but could you double-check the tabbing in this multiple hazards example? I had to cut and paste the example into Oxygen to read all the elements to make sure they were all properly closed. e.g. the line breaks around `<typeofhazard>` and `<hazardsymbol>`. My tired eyes found it difficult to see that the `<typeofhazard>` was closed.

zlawson updated comment 14/2/2022  
00:44:51

Also, in the PDF, the final `</messagepanel>` was bold.

The spacing was indeed off, and that closing messagepanel tag had a B tag on it.

randerson updated comment 16/2/2022  
02:50:52

Fixed both; marking **COMPLETED**

```
<hazardstatement type="warning">
  <messagepanel>
    <typeofhazard>
      <hazardsymbol keyref="hazard-electricshock"/>
      ELECTRIC SHOCK HAZARD</typeofhazard>
      <consequence>The equipment must be grounded. Improper grounding, setup, or usage of
      the system can cause electric shock
      </consequence>
      <howtoavoid>
      <hazardsymbol keyref="hazard-groundpowersource"/>
      <ul>
      <li>Turn off and disconnect power at main switch before disconnecting any
      cables or before servicing or installing any equipment.</li>
      <li>Connect only to grounded power sources.</li>
      <li>All electric wiring must be done by a qualified electrician and comply
      with all local codes and regulations.</li>
      </ul>
      </howtoavoid>
    </messagepanel>
    <!-- ... -->
    <messagepanel>
      <typeofhazard>
      <hazardsymbol keyref="hazard-hotsurface"/>
      BURN HAZARD</typeofhazard>
      <consequence>Electric surfaces and fluid can become very hot during
      operation.</consequence>
      <howtoavoid>
      To avoid burns:
      <ul>
      <li>Do not touch hot fluid or equipment.</li>
      </ul>
      </howtoavoid>

    </messagepanel>
  </hazardstatement>
```

In the second how to avoid, there is a single item list. I would recommend making it a paragraph, not a list as a result.

16:14:01

I was about to mark this Accepted/Completed, but tested first and confirmed that paragraphs are not allowed inside the howtoavoid element, so it's not a change that would be valid right now. Marking as **CLOSED** but will bring this up at the TC to see if anyone wants to address this in the content model.

randerson updated comment 16/2/2022  
02:55:57

## Topic: linklist (DA00509449)

### Paragraph-level comments

Attributes that cascade between topic references in a map also cascade from this element to contained links.

Annotation	Reviewer	Status	Type	Date	Topic version
<p>This is important. Is it possible to provide an example of something that might cascade down that is important? I'm not sure that needs to go into this section, but I'm trying to think of something that might impact this and it's tough. Maybe just link to the Cascading of metadata attributes in a DITA map section? (And maybe add a note that the section needs to address how it might impact related-links?)</p>	zlawson	updated	comment	14/2/2022 02:40:49	
<p>And repeat this comment wherever these processing expectations are (which I think is just linkpool).</p>					
<p>I don't think we need an example of this, as I've very rarely seen it used. We've updated all 3 elements where this happens (related-links, linklist, linkpool) to reuse this section, so it should be much more obvious now than it has been before.</p>	randerson	updated	comment	16/2/2022 03:25:03	
<p>I'm hesitant to add information about this in the map-cascade content, just because it's the same process, <i>but</i> the cascading within a map cannot impact these elements. The cascade within a map only impacts those elements in the map, or entire topics referenced by the map -- not individual link elements within those topics.</p>					
<p>I've added a clause to this reused section just to help clarify the importance / how it might be used, there is now a "such as the format and scope attributes" clause that should make this stand out just a bit more. The example in the linkpool element does show the cascading type attribute, so I've added a sentence to that example just to call it out.</p>					

Marking **CLOSED**

The following code sample shows how the `<linklist>` is used to construct a list of related links. The `<linkinfo>` element provides additional information about the list of links.

Annotation	Reviewer	Status	Type	Date	Topic version
The following code sample shows how the <code>&amp;lt;linklist&gt;</code> element is used to construct a list of related links. The element provides additional information about the list of links.	gjoseph	updated	change	13/2/2022 18:29:12	
Updated - marking <b>COMPLETED</b>	randerson	updated	comment	16/2/2022 03:18:36	

## Topic: linktext (DA00508580)

### Paragraph-level comments

When a link contains a `<linktext>` element, the content of the `<linktext>` element is rendered instead of the text that retrieved from the resource.

Annotation	Reviewer	Status	Type	Date	Topic version
When a link contains a <code>&lt;linktext&gt;</code> element, the content of the element is rendered <b>when the target resource cannot be rendered instead of the text that is retrieved from the resource.</b>	gjoseph	updated	change	13/2/2022 18:36:49	
I think this suggested change changes the meaning and I don't think it is correct. The specified content renders regardless of whether the target resource can or cannot be rendered, correct? I could type <code>linktext</code> to override the title that is retrieved from the file.	dstevens	updated	comment	15/2/2022 16:22:25	
Agreed - the suggested change changes the meaning quite significantly.	randerson	updated	comment	16/2/2022 03:31:36	
As described in the original text - when this element is used, the content of the <code>linktext</code> element <b>is</b> the link text. This element is never ignored. That is true whether or not the target is available, accessible, or can be rendered.					
The suggested change would mean that link text is ignored in nearly every case; the only exception would be when the target of the link cannot be rendered on its own.					

Marking **Rejected** as this would change the meaning of the element in ways not intended.

## Topic: howtoavoid (DA00509302)

### Paragraph-level comments

```
<hazardstatement type="notice">
  <messagepanel>
    <typeofhazard>
      <hazardsymbol keyref="hazard-agressivesolvent"/>
      Machinery Damage</typeofhazard>

    <howtoavoid>
      <hazardsymbol keyref="hazard-readmanual"/>
      <ul>
        <li>Do NOT use solvents to clean the drum surface</sli>
        <li>Read manual for proper drum cleaning procedure</sli>
      </ul>

    </howtoavoid>
  </messagepanel>
</hazardstatement>
```

Annotation	Reviewer	Status	Type	Date	Topic version
&lt;li> should be closed with &lt;/li>, not &lt;/sli> (2x in this example)	dstevens	updated	comment	15/2/2022 16:11:57	
Good catch, fixing that and the spacing. Marking <b>COMPLETED</b>	randerson	updated	comment	16/2/2022 03:10:42	

## Topic: linkpool (DA00508926)

### Paragraph-level comments

The following code sample shows how a <linkpool> element is used to group a set of conceptual information. The order in which the links are rendered in the output is processor-dependent.

Annotation	Reviewer	Status	Type	Date	Topic version
We should note here that it demonstrates the type attribute cascading	randerson	updated	comment	14/2/2022 20:35:13	
Updated, marking <b>COMPLETED</b>	randerson	updated	comment	16/2/2022 03:27:44	

