

Stage 3 proposal: Feature 13023

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Stage 3 proposal: Feature 13023

New generic division element, `<div>`. Content is intersection of `<bodydiv>` and `<sectiondiv>`. To be allowed wherever `<p>` or other block-level elements are allowed.

Champion

Eliot Kimber is the champion.

Tracking information

Event	Date	Links
Stage 1 proposal accepted		Include link to meeting minutes
Stage 2 proposal submitted		Include links to DITA and HTML versions
Stage 2 proposal discussed		Include link to meeting minutes
Stage 2 proposal approved		Include link to meeting minutes
Stage 3 proposal submitted to reviewers		Include names of reviewers
Stage 3 proposal (this document) submitted		

Approved technical requirements

Define a new element type, `<div>`, whose content model is all body content except `<section>` and `<bodydiv>` (that is, the intersection of the 1.2 `<bodydiv>` and `<sectiondiv>` content models) plus `<div>`.

Allow `<div>` wherever `<p>` is allowed or any block context where `<p>` is not allowed for some reason (including within `<p>`, `<fig>`, etc.). The design intent is to allow `<div>` in all block-containing contexts.

Dependencies or interrelated proposals

There are no related proposals.

Modified DTDs

For DTDs, the specific changes are:

- Declare the parameter entity `%div` in the `commonElements.div` module:

```
<!ENTITY % div          "div"          >
```

- Declare the `<div>` element type in the `commonElements.mod` module:

```
<!--          LONG NAME: Div element          -->
<!ENTITY % div.content
          "(#PCDATA |
           %basic.block; |
           %basic.ph; |
           %data.elements.incl; |
           %foreign.unknown.incl; |
           %txt.incl;)*"
">
```

```
<!ENTITY % div.attributes
          "%data-element-atts;"
>
<!ELEMENT div      %div.content;>
<!ATTLIST div      %div.attributes;>
```

- Add %div; to the following parameter entities:

- %basic.block
- %basic.block.notbl
- %basic.block.nonote
- %basic.block.nopara
- %basic.block.nolq
- %basic.block.notbnofg
- %basic.block.notbfgobj

- Declare the @class attribute:

```
<!ATTLIST div      %global-atts;  class CDATA "- topic/div "      >
```

Modified specification documentation

Provide a listing of new or modified topics. For existing topics, provide the location of the DITA 1.2 topic; for new topics, suggest where you think the topic should be located in the TOC.

List the exact language suggested for the topics. For existing topics, you can use a table to compare the DITA 1.2 text and the proposed text for DITA 1.3. For new topics, use the templates nested within this topic.

Table 1: Modified Topics

Topic Name	DITA 1.2 Text	DITA 1.3 Text
topiccontent.dita		<p>Add new definition list entry for "div" as follows:</p> <p>Div Div allows for the arbitrary grouping of content within a topic. The div does not include a title. Content that requires a title should use section or example or, possibly, fig.</p>
constraint-module-examples.dita	<pre>%foreign.unknown.incl; %sectiondiv;)*)</pre>	<p>Reflect %div; in content model of section.</p> <pre>%foreign.unknown.incl; %div; %sectiondiv;)*)</pre>
dita_concept_topic.dita	The <conbody> element holds the main body-level elements of the	Add "<div>," before <bodydiv> and ", " after <bodydiv>. Remove " for

Topic Name	DITA 1.2 Text	DITA 1.3 Text
	concept topic. Like the body element of a base topic, the <conbody> allows paragraphs, lists, tables, figures and other general elements. It also provides two key elements that allow authors to subdivide the topic into parts, with or without titles. These subdivisions are called sections and examples. The <conbody> also allows <bodydiv> and <sectiondiv> to facilitate grouping elements in the <conbody> for reuse.	reuse" since there are other reasons to use divisions. The <conbody> element holds the main body-level elements of the concept topic. Like the body element of a base topic, the <conbody> allows paragraphs, lists, tables, figures and other general elements. It also provides two key elements that allow authors to subdivide the topic into parts, with or without titles. These subdivisions are called sections and examples. The <conbody> also allows <div>, <bodydiv>, and <sectiondiv> to facilitate grouping elements in the <conbody>.

div

The <div> element is used to contain informal blocks of information within a topic. The div element is specifically designed to be a grouping element, without any explicit semantics, other than to organize subsets of content into logical groups that are not intended or should not be contained as a topic. As such, it does not contain an explicit title to avoid enabling the creation of deeply nested content that would otherwise be written as separate topics. Content that requires a title should use a section element or a nested topic, or possibly a figure.

Inheritance

- topic/div

Example

A division used to organize several elements together that could not be used as a unit using content reference range (because the last element in the sequence is not the same type as the first element in the sequence):

```
...
<div id="div-01">
  <p>The first paragraph</p>
  <p>The second paragraph</p>
  <note>This is a note</note>
</div>
...
```

An element, <pullquote>, specialized from <div>:

```
<!ENTITY % pullquote.content
  "(%div.cnt;)*"
>
<!ENTITY % pullquote.attributes
  "%id-attn;
  %localization-attn;
  base
          CDATA
          #IMPLIED
  %base-attribute-extensions;
```

```

        outputclass
            CDATA
            #IMPLIED"
>
<!ELEMENT pullquote    %pullquote.content;>
<!ATTLIST pullquote    %pullquote.attributes;>

<!ATTLIST pullquote    %global-atts; class CDATA "+ topic/div d4p-
pubcontent-d/pullquote ">

```

Instances of `<pullquote>` could then be used in both `<body>` and `<section>` contexts:

```

<article id="article-01">
  <title>My Article</title>
  <body>
    <p>Something pithy someone said</p>
    <pullquote><p>Something Pithy</p></pullquote>
    ...
    <section spectitle="Deep Dive">
      <p>This is really really pithy</p>
      <pullquote><p>Really Pithy</p></pullquote>
      ...
    </section>
  </body>
</article>

```

Attributes

Standard generated attribute table goes here.