#### captions (Caption Settings)

This element specifies the presence of information about captions in a given WordprocessingML document. This information is divided into two components:

* The child element [caption](caption.docx) defines the [format](format.docx) for a single [type](type.docx) of [caption](caption.docx) to be automatically added to the document.
* The child element [autoCaptions](autoCaptions.docx) defines the types of objects to which a [caption](caption.docx) [format](format.docx) shall automatically be applied.

This information should be used to determine the captions which are automatically added to objects when they are inserted into a WordprocessingML document. [Note: This setting is typically ignored unless it is specified in an application's default template. end note]

[Example: Consider the diagram below illustrating a WordprocessingML document containing a [table](table.docx) that has been labeled with a caption:



In this diagram, the [table](table.docx) contained in the WordprocessingML document has been labeled by inserting a [caption](caption.docx) below the [table](table.docx) consisting of the string Table followed by a decimal number. This automatically inserted [caption](caption.docx) [format](format.docx) is specified using the following WordprocessingML:

<w:captions>

  <w:[caption](caption.docx) w:name="Table" w:[pos](pos.docx)="below" w:[numFmt](numFmt.docx)="decimal" />

</w:captions>

Here, the captions element specifies the presence of one or more [caption](caption.docx) formats in a given WordprocessingML document with its child element [caption](caption.docx). Specifically, the child element [caption](caption.docx) specifies a single [type](type.docx) of [caption](caption.docx) to be used within the WordprocessingML document. end example]

Captioning leverages fields (§) to label objects with reference to either:

* Other captioned objects within a given document
* Other captioned objects within the same chapter in a given document (when chapter numbers are added by specifiying the chapNum attribute on the [caption](caption.docx) type.

A chapter is a section of text within a WordprocessingML document that is preceded by content with a style that has been specified by to demarcate chapters in documents. Only one style may be specified as the style used for a single [caption](caption.docx) [type](type.docx) to demarcate chapters in a document. A chapter ends immediately above the [next](next.docx) instance of content with the style used to demarcate chapters.

[Example: Consider the diagram below:

|  |  |
| --- | --- |
|  |  |

This diagram depicts a WordprocessingML document containing two chapters, each containing two tables labeled with captions. The style associated with chapter demarcation has been applied to the strings: Chapter 1 - FY02 and Chapter 2 - FY03 in this document. Specifically, the style used to demarcate chapters is the style with its styleID attribute equal to Heading2 as specified by the heading attribute value of 2 in the WordprocessingML for the [caption](caption.docx) format:

<w:[caption](caption.docx) w:name="Table" w:[pos](pos.docx)="below" w:chapNum="On" w:heading="2" w:[numFmt](numFmt.docx)="upperCase" w:sep="8212" />

In other words, the WordprocessingML above may be used to label objects (in this case, tables) inserted in a given WordprocessingML document generated by an application with a [caption](caption.docx) consisting of: the string Table followed by a decimal number corresponding with the chapter number in which the [table](table.docx) is present, a hyphen, and a capital English letter corresponding with the given table's index within the given chapter. end example]

[Note: WordprocessingML is designed such that the [caption](caption.docx) element may be used in conjunction with applications to provide a dynamic captioning experience. In other words, an application may use the WordprocessingML in the example above to automatically insert a [caption](caption.docx) consisting of the string Table followed by an incrementing decimal number field below tables when tables are inserted into a WordprocessingML document as defined by the [autoCaption](autoCaption.docx) element (§). End note]

|  |
| --- |
| Parent Elements |
| settings (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [autoCaptions](autoCaptions.docx) (Automatic Captioning Settings) | § |
| [caption](caption.docx) (Single Caption Type Definition) | § |

The following [XML](XML.docx) Schema fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_Captions">

 <sequence>

 <element name="[caption](caption.docx)" [type](type.docx)="CT\_Caption" minOccurs="1" maxOccurs="unbounded"/>

 <element name="[autoCaptions](autoCaptions.docx)" [type](type.docx)="CT\_AutoCaptions" minOccurs="0" maxOccurs="1"/>

 </sequence>

</complexType>