

Part 1, §17.3.2.12, “em (Emphasis Mark)”, pp. 298–299

This element specifies the emphasis mark ~~which that~~ shall be ~~displayed for~~applied to each non-space character in this run. An *emphasis mark* is an additional character ~~that is rendered above or below the main character glyph as~~ whose display position relative to the character to which it is applied is language- and writing-direction-dependent. The emphasis mark is specified by the contents of the val attribute.

If this element is not present, the default value is to leave the formatting applied at the previous level in the *style hierarchy*. If this element is never applied in the style hierarchy, then no emphasis mark shall be ~~added~~ applied to ~~each any~~ character in this e contents of this run.

[*Example:* Consider a run of text that is to have a dot emphasis mark applied to it~~which must have a dot underneath each character as an emphasis mark~~. This ~~constraint~~ is specified using the following WordprocessingML:

```
<w:rPr>
  <w:em w:val="dot"/>
</w:rPr>
```

~~This run explicitly declares that the emphasis mark type is dot, so the contents of this run has a dot emphasis mark above each character. end example]~~

| Attributes | Description |
|--------------------------|---|
| val (Emphasis Mark Type) | <p>Specifies the emphasis mark <u>applied to type used for</u> each <u>non-space</u> character in this run.</p> <p>[Example: Consider a run of text which must have a dot underneath each character as an emphasis mark. This constraint is specified using the following WordprocessingML:</p> <pre><w:rPr> <w:em w:val="dot"/> </w:rPr></pre> <p>This run explicitly declares that the em type is dot, so the contents of this run have a dot emphasis mark beneath each character. end example]</p> <p>The possible values for this attribute are defined by the ST_Em simple type (§17.18.24).</p> |

[*Note:* The W3C XML Schema definition of this element’s content model (CT_Em) is located in §A.1. *end note*]

Part 1, §17.18.24, “ST_Em (Emphasis Mark Type)”

This simple type specifies an enumerated list possible types of emphasis marks, any one of which ~~can~~ may be selected to be applied to displayed for each non-space character in a run. ~~This character is rendered above or below the character glyph as specified by enumeration values~~ When displayed, the position of the emphasis mark relative to the character to which it is applied is language- and writing-direction-dependent. When displayed, the glyph used for the emphasis mark is implementation-dependent.

[Example: Consider a run of text that is to have a dot emphasis mark applied to it~~which must have a dot underneath each character as an emphasis mark~~. This ~~constraint~~ is specified using the following WordprocessingML:

```
<w:rPr>
  <w:em w:val="dot"/>
</w:rPr>
```

~~This run explicitly declares that the emphasis mark type is dot, so the contents of this run has a dot emphasis mark above each character.~~*end example*

This simple type's contents are a restriction of the W3C XML Schema string datatype.

This simple type is restricted to the values listed in the following table:

| Enumeration Value | Description |
|--|---|
| circle (Circle Emphasis Mark Above Characters) | <p>Specifies that the emphasis mark is a circle character <u>which shall be rendered above each character in this run using Unicode character 0x02DA when the language of the text is not Traditional Chinese.</u> <u>[Note: The intent is to have an emphasis mark similar to the following:</u> <u>(written horizontally in Japanese)</u> <u>中</u> <u>(written vertically in Japanese)</u> <u>中。</u> <u>end note]</u></p> <p>For that language Unicode character 0x3002 shall be used instead, positioned beneath the characters.</p> |
| comma (Comma Emphasis Mark Above Characters) | <p>Specifies that the emphasis mark is a comma character <u>which shall be rendered above each character in this run, using Unicode character 0x3001.</u> <u>[Note: The intent is to have an emphasis mark similar to the following:</u> <u>(written horizontally in Japanese)</u> <u>き</u> <u>(written vertically in Japanese)</u> <u>き、</u> <u>end note]</u></p> |
| dot (Dot Emphasis Mark Above Characters) | <p>Specifies that the emphasis mark is a dot character <u>which shall be rendered above each character in this run</u></p> |

| Enumeration Value | Description |
|---|--|
| | <p>using Unicode character 0x02D9 whenever the language of the text is not Japanese, Simplified Chinese, or Traditional Chinese. [Note: The intent is to have an emphasis mark similar to the following:</p> <p><u>千</u> (written horizontally in Simplified or Traditional Chinese)</p> <p><u>千</u> (written vertically in Simplified or Traditional Chinese)</p> <p><u>千</u> (written horizontally in Japanese)</p> <p><u>千</u> (written vertically in Japanese)</p> <p><u>千</u> <i>end note]</i></p> <p>For those three languages, the emphasis mark shall be rendered as follows:</p> <ul style="list-style-type: none"> • Japanese = Unicode character 0xFF0E (dot beneath characters) • Simplified Chinese = Unicode character 0xFF0E (dot beneath characters) • Traditional Chinese = Unicode character 0x2027 |
| none (No Emphasis Mark) | Specifies that there shall be no emphasis marks <u>shall be applied to</u> for any character in this run. |
| underDot (Dot Emphasis Mark Below Characters) | <p>Specifies that the emphasis mark is a dot character <u>which that</u> shall be rendered below each character in <u>horizontal writing and on the left in vertical writing</u> this run using Unicode character 0xFF0E. [Note: The intent is to have an emphasis mark similar to the following:</p> <p><u>千</u> (written horizontally in Japanese)</p> <p><u>千</u> (written vertically in Japanese)</p> <p><u>千</u> <i>end note]</i></p> <p>[Note: Ordinarily, the position of the emphasis mark relative to the character to which it is applied is <u>determined automatically by the language- and writing-direction.</u> As such, the position need not be specified <u>explicitly, and the use of this value is discouraged.</u> <i>end note]</i></p> |

[Note: The W3C XML Schema definition of this simple type's content model (ST_Em) is located in §A.1.
end note]