### ST\_Underline (Underline Patterns)

This simple [type](type.docx) specifies the types of patterns which may be used to create the underline applied beneath the text in a run.

[Example: Consider a run of text which shall have a double underline explicitly turned on for the contents of the run. This constraint is specified using the following WordprocessingML:

<w:[rPr](rPr.docx)>  
 <w:[u](u.docx) w:val="double"/>  
</w:[rPr](rPr.docx)>

The val of the underline on this run is double, so the style of the underline on this run shall be a double line. end example]

This simple type's contents are a restriction of the [XML](XML.docx) Schema string datatype.

The following are possible enumeration values for this type:

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| Enumeration Value | Description |
| dash (Dashed Underline) | Specifies an underline consisting of a dashed line beneath all characters in this run.  [Example:    end example] |
| dashDotDotHeavy (Thick Dash-Dot-Dot Underline) | Specifies an underline consisting of a series of thick dash, dot, dot characters beneath all characters in this run.  [Example:    end example] |
| dashDotHeavy (Thick Dash-Dot Underline) | Specifies an underline consisting of a series of thick dash, dot characters beneath all characters in this run.  [Example:    end example] |
| dashedHeavy (Thick Dashed Underline) | Specifies an underline consisting of a series of thick dashes beneath all characters in this run.  [Example:    end example] |
| dashLong (Long Dashed Underline) | Specifies an underline consisting of long dashed characters beneath all characters in this run.  [Example:    end example] |
| dashLongHeavy (Thick Long Dashed Underline) | Specifies an underline consisting of thick long dashed characters beneath all characters in this run.  [Example:    end example] |
| dotDash (Dash-Dot Underline) | Specifies an underline consisting of a series of dash, dot characters beneath all characters in this run.  [Example:    end example] |
| dotDotDash (Dash-Dot-Dot Underline) | Specifies an underline consisting of a series of dash, dot, dot characters beneath all characters in this run.  [Example:    end example] |
| dotted (Dotted Underline) | Specifies an underline consisting of a series of dot characters beneath all characters in this run.  [Example:    end example] |
| dottedHeavy (Thick Dotted Underline) | Specifies an underline consisting of a series of thick dot characters beneath all characters in this run.  [Example:    end example] |
| double (Double Underline) | Specifies an underline consisting of two lines beneath all characters in this run.  [Example:    end example] |
| none (No Underline) | Specifies no underline beneath this run.  [Example:    end example] |
| single (Single Underline) | Specifies an underline consisting of a single line beneath all characters in this run.  [Example:    end example] |
| thick (Thick Underline) | Specifies an underline consisting of a single thick line beneath all characters in this run.  [Example:    end example] |
| wave (Wave Underline) | Specifies an underline consisting of a single wavy line beneath all characters in this run.  [Example:    end example] |
| wavyDouble (Double Wave Underline) | Specifies an underline consisting of a pair of wavy lines beneath all characters in this run.  [Example:    end example] |
| wavyHeavy (Heavy Wave Underline) | Specifies an underline consisting of a single thick wavy line beneath all characters in this run.  [Example:    end example] |
| words (Underline Non-Space Characters Only) | Specifies an underline consisting of a single line beneath all non-space characters in the run. There shall be no underline beneath any space character (breaking or non-breaking).  [Example:    end example] |

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| Referenced By |
| u@val (§) |

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

<simpleType [name](name.docx)="ST\_Underline">

<restriction base="xsd:string">

<enumeration value="single"/>

<enumeration value="words"/>

<enumeration value="double"/>

<enumeration value="thick"/>

<enumeration value="dotted"/>

<enumeration value="dottedHeavy"/>

<enumeration value="dash"/>

<enumeration value="dashedHeavy"/>

<enumeration value="dashLong"/>

<enumeration value="dashLongHeavy"/>

<enumeration value="dotDash"/>

<enumeration value="dashDotHeavy"/>

<enumeration value="dotDotDash"/>

<enumeration value="dashDotDotHeavy"/>

<enumeration value="wave"/>

<enumeration value="wavyHeavy"/>

<enumeration value="wavyDouble"/>

<enumeration value="none"/>

</restriction>

</simpleType>