### ST\_DisplacedByCustomXml (Location of Custom [XML](XML.docx) Markup Displacing an Annotation)

This simple [type](type.docx) specifies the possible values for the location of a single custom [XML](XML.docx) element's [start](start.docx) and/or end [tag](tag.docx) relative to the location of an annotation [tag](tag.docx) in document order. This enumeration shall be used to specify that the parent annotation's placement shall be directly linked with the location of the physical presentation of a custom [XML](XML.docx) element in the document.

[Example: Consider a paragraph with block level custom [XML](XML.docx) markup and two [comment](comment.docx) anchor annotations (one before and one after the custom [XML](XML.docx) element's physical representation), as follows:



Since all three of these items are around the entire paragraph, they are stored outside of the paragraph. However, in order to ensure that their relative positions are stored correctly, any annotation which shall be displaced by the physical custom [XML](XML.docx) element specifies this information, resulting in the following WordprocessingML:

<w:[commentRangeStart](commentRangeStart.docx) w:[id](id.docx)="0" />  
<w:[commentRangeStart](commentRangeStart.docx) w:[id](id.docx)="1" w:displaced byCustomXml="[next](next.docx)" />  
<w:[customXml](customXml.docx) w:element="spec" … />  
<w:[p](p.docx)>  
 …  
</w:[p](p.docx)>

The displacedByCustomXml attribute specifies that even though all three of these items are around the paragraph and will be moved inside the paragraph to be represented physically, the [comment](comment.docx) with ID 0 shall be inside the custom [XML](XML.docx), but the [comment](comment.docx) with ID 1 shall be displaced to stay outside of the relative location of the [next](next.docx) custom [XML](XML.docx) element (the spec element). 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:

|  |  |
| --- | --- |
| Enumeration Value | Description |
| [next](next.docx) (Displaced by Next Custom [XML](XML.docx) Markup Tag) | Specifies that this annotation anchor shall be displaced by the physical representation of the [next](next.docx) element of custom [XML](XML.docx) markup in the document.  If no custom [XML](XML.docx) markup exists in the same paragraph and after this anchor, then this setting shall be ignored. |
| prev (Displaced by Previous Custom [XML](XML.docx) Markup Tag) | Specifies that this annotation anchor shall be displaced by the physical representation of the previous element of custom [XML](XML.docx) markup in the document.  If no custom [XML](XML.docx) markup exists in the same paragraph and directly before this anchor, then this setting shall be ignored. |

|  |
| --- |
| Referenced By |
| bookmarkEnd@displacedByCustomXml (§); bookmarkStart@displacedByCustomXml (§); commentRangeEnd@displacedByCustomXml (§); commentRangeStart@displacedByCustomXml (§); moveFromRangeEnd@displacedByCustomXml (§); moveFromRangeStart@displacedByCustomXml (§); moveToRangeEnd@displacedByCustomXml (§); moveToRangeStart@displacedByCustomXml (§); permEnd@displacedByCustomXml (§); permStart@displacedByCustomXml (§) |

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

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

<restriction base="xsd:string">

<enumeration value="[next](next.docx)"/>

<enumeration value="prev"/>

</restriction>

</simpleType>