#### ST\_AxisType (Axis Type)

This simple type defines different node sets in relation to the current context node.

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

The following are possible enumeration values for this type:

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| Enumeration Value | Description |
| ancst (Ancestor) | Specifies a set of nodes between the current context node and the root node, including the root node.[Example: Consider the following example[end](end.docx) example] |
| ancstOrSelf (Ancestor or Self) | Specifies a set of nodes between the current context node and the root node, including the root node and the context node.[Example: Consider the following example[end](end.docx) example] |
| ch (Child) | Specifies a set of children of the current context node. [Example: Consider the following example[end](end.docx) example] |
| des (Descendant) | Specifies a set of all nodes beneath the current context node.[Example: Consider the following example[end](end.docx) example] |
| desOrSelf (Descendant or Self) | Specifies a set of all nodes beneath the current context node, including the context node.[Example: Consider the following example[end](end.docx) example] |
| follow (Follow) | Specifies the set of nodes which are peers after the context node and all descendants of the peers.[Example: Consider the following example[end](end.docx) example] |
| followSib (Follow Sibling) | Specifies the set of nodes which are peers after the context node.[Example: Consider the following example[end](end.docx) example] |
| none (None) | Specifies no node. |
| par (Parent) | Specifies the parent node.[Example: Consider the following example[end](end.docx) example] |
| preced (Preceding) | Specifies the set of nodes which are peers before the context node and all the descendants of the peers.[Example: Consider the following example[end](end.docx) example] |
| precedSib (Preceding Sibling) | Specifies the set of nodes which are peers before the context node.[Example: Consider the following example[end](end.docx) example] |
| root (Root) | Specifies the top-most node of the diagram.[Example: Consider the following example[end](end.docx) example] |
| self (Self) | Specifies the calling context node.[Example: Consider the following example[end](end.docx) example] |

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| Referenced By |
| ST\_AxisType (§) |

The following XML Schema fragment defines the contents of this simple type:

<simpleType [name](name.docx)="ST\_AxisType" final="restriction">

 <restriction base="xsd:token">

 <enumeration value="self"/>

 <enumeration value="ch"/>

 <enumeration value="des"/>

 <enumeration value="desOrSelf"/>

 <enumeration value="par"/>

 <enumeration value="ancst"/>

 <enumeration value="ancstOrSelf"/>

 <enumeration value="followSib"/>

 <enumeration value="precedSib"/>

 <enumeration value="follow"/>

 <enumeration value="preced"/>

 <enumeration value="root"/>

 <enumeration value="none"/>

 </restriction>

</simpleType>