#### tc (Table Cell)

This element defines a cell within the table. The table cell holds a text body that actually contains the data held within the cell along with the properties of the table cell which hold formatting options associated with the cell.

[Example: Consider the following example of a tc within DrawingML:

<a:tc>  
 <a:txBody>  
 <a:bodyPr/>  
 <a:lstStyle/>  
 <a:p>  
 <a:pPr marL="0" algn="ctr" rtl="0"/>

<a:r>  
 <a:rPr [lang](lang.docx)="en-US" dirty="0" smtClean="0"/>  
 <a:t>data</a:t>  
 </a:r>

<a:endParaRPr [lang](lang.docx)="en-US" dirty="0"/>  
 </a:p>  
 </a:txBody>  
 <a:tcPr/>  
</a:tc>

In this example, we see a single cell in a table being defined with the default cell properties and a text body which contains the word "data". The text "data" will be the only text in the cell. [end](end.docx) example]

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| Parent Elements |
| [tr](tr.docx) (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [extLst](extLst.docx) (Extension List) | § |
| [tcPr](tcPr.docx) (Table Cell Properties) | § |
| [txBody](txBody.docx) (Shape Text Body) | § |

|  |  |
| --- | --- |
| Attributes | Description |
| gridSpan (Grid Span) | Specifies the number of columns that a merged cell spans. This is used in combination with the hMerge attribute on other cells in [order](order.docx) to specify the beginning cell of a horizontal merge.  [Example: Consider the following example:  <a:tc gridSpan="3"> … /a:tc> <a:tc hMerge="1"> … /a:tc> <a:tc hMerge="1"> … /a:tc>  In this example, we can define what looks like a single cell in the table as a group of three cells merged together. The merged cell spans three columns of the table. [end](end.docx) example]  The possible values for this attribute are defined by the XML Schema int datatype. |
| hMerge (Horizontal Merge) | When this attribute is set to on, 1 or true, then this table cell is to be merged with the previous horizontal table cell when the table is created.  [Example: Consider the following example:  <a:tc hMerge="1">  … </a:tc>  In this example, we see the hMerge attribute set to on which signifies that this cell is to be merged with the previous horizontal cell in the table. [end](end.docx) example]  The possible values for this attribute are defined by the XML Schema boolean datatype. |
| rowSpan (Row Span) | Specifies the number of rows that a merged cell spans. This is used in combination with the vMerge attribute on other cells in [order](order.docx) to specify the beginning cell of a horizontal merge.  [Example: Consider the following example:  <a:tc rowSpan="3"> … /a:tc> <a:tc vMerge="1"> … /a:tc> <a:tc vMerge="1"> … /a:tc>  In this example, we can define what looks like a single cell in the table as a group of three cells merged together. The merged cell spans three rows of the table. [end](end.docx) example]  The possible values for this attribute are defined by the XML Schema int datatype. |
| vMerge (Vertical Merge) | When this attribute is set to on, 1 or true, then this table cell is to be merged with the previous vertical table cell when the table is created.  [Example: Consider the following example:  <a:tc vMerge="1"> … /a:tc>  In this example, we see the vMerge attribute set to on which signifies that this cell is to be merged with the previous vertical cell in the table. [end](end.docx) example]  The possible values for this attribute are defined by the XML Schema boolean datatype. |

The following XML Schema fragment defines the contents of this element:

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

<sequence>

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

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

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

</sequence>

<attribute name="rowSpan" type="xsd:int" use="optional" default="1"/>

<attribute name="gridSpan" type="xsd:int" use="optional" default="1"/>

<attribute name="hMerge" type="xsd:boolean" use="optional" default="false"/>

<attribute name="vMerge" type="xsd:boolean" use="optional" default="false"/>

</complexType>