#### rel (Diagram Relationship)

This element specifies a relationship between two [diagram](diagram.docx) nodes. An optional third node that exists between the primary two may also be included. The relationship has an implicit order since it describes the source and destination nodes.

[Example: In the cycle [diagram](diagram.docx) below, shape 1036 (the shape that is the text box for the text "2") is the first node. A relationship exists between shape 1036 and shape 1044 (the text box containing "1"). In between those shapes is shape 1038 (the yellow arrow).

<o:relationtable v:ext="edit">

 <o:rel v:ext="edit" idsrc="#\_s1036" iddest="#\_s1036"/>

 <o:rel v:ext="edit" idsrc="#\_s1042" iddest="#\_s1036" idcntr="#\_s1043"/>

 <o:rel v:ext="edit" idsrc="#\_s1044" iddest="#\_s1042" idcntr="#\_s1045"/>

 <o:rel v:ext="edit" idsrc="#\_s1036" iddest="#\_s1044" idcntr="#\_s1038"/>

</o:relationtable>

<v:[rect](rect.docx) id="\_s1036" ... >

 <v:[textbox](textbox.docx) ... ><...>2</...></v:[textbox](textbox.docx)>

</v:[rect](rect.docx)>

<v:[rect](rect.docx) id="\_s1044" ... >

 <v:[textbox](textbox.docx) ... ><...>1</...></v:[textbox](textbox.docx)>

</v:[rect](rect.docx)>

<v:[shape](shape.docx) id="\_s1038" ... />



end example]

|  |
| --- |
| Parent Elements |
| [relationtable](relationtable.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| ext (VML Extension Handling Behavior)Namespace: urn:schemas-microsoft-com:vml | Specifies an optional value that indicates how applications that implement [VML](VML.docx) should interpret extensions not defined as part of the original specification of core VML. [Rationale: This part of the original [VML](VML.docx) specification is included to assist applications that leverage existing [VML](VML.docx) support in implementing the Office Open XML Format. end rationale]The possible values for this attribute are defined by the [ST\_Ext](ST_Ext.docx) simple type (§). |
| idcntr (Diagram Relationship Center Shape) | Specifies the optional identifier of the shape that exists between the source and destination shapes. This is omitted if the relationship does not have a shape between the source and destination shapes.[Example:<o:rel ... idcntr="#s\_1038"></o:rel>end example]The possible values for this attribute are defined by the XML Schema string datatype. |
| iddest (Diagram Relationship Destination Shape) | Specifies the identifier of the shape at the destination of the relationship.[Example:<o:rel ... iddest="#s\_1044"></o:rel>end example]The possible values for this attribute are defined by the XML Schema string datatype. |
| idsrc (Diagram Relationship Source Shape) | Specifies the identifier of the shape at the source of the relationship.[Example:<o:rel ... idsrc="#s\_1036"></o:rel>end example]The possible values for this attribute are defined by the XML Schema string datatype. |

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

<complexType name="CT\_Relation">

 <attributeGroup ref="v:AG\_Ext"/>

 <attribute name="idsrc" type="xsd:string" use="optional"/>

 <attribute name="iddest" type="xsd:string" use="optional"/>

 <attribute name="idcntr" type="xsd:string" use="optional"/>

</complexType>