#### wrap (Text Wrapping)

This element specifies the type of text wrapping which should be allowed around the contents of this [VML](VML.docx) object.

If this element is omitted, then no text wrapping shall be performed (i.e. the object shall be presented in [line](line.docx) with text).

[Example: Consider the following [VML](VML.docx) object:

<v:shape … >
 …
 <wd:wrap wd:type="square" />

The wrap element specifies how surrounding WordprocessingML document content shall wrap around the floating [VML](VML.docx) object - in this case, by wrapping around its extents in a square via the type attribute value of square. end example].

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| Parent Elements |
| [arc](arc.docx) (§); [curve](curve.docx) (§); [group](group.docx) (§); [image](image.docx) (§); [line](line.docx) (§); [oval](oval.docx) (§); [polyline](polyline.docx) (§); [rect](rect.docx) (§); [roundrect](roundrect.docx) (§); shape (§); [shapetype](shapetype.docx) (§) |

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| Attributes | Description |
| anchorx (Horizontal Positioning Base) | Specifies the base object from which the horizontal positioning of the object should be calculated.A [VML](VML.docx) object may be horizontally positioned relative to:* The vertical edge of the page before any runs of text (the left edge for left-to-right paragraphs, the right edge for right-to-left paragraphs)
* The vertical edge of the text margin before any runs of text (the left edge for left-to-right paragraphs, the right edge for right-to-left paragraphs)
* The vertical edge of the text in the paragraph containing the [VML](VML.docx) object
* The position of anchor for the floating [VML](VML.docx) object in the text.

If this attribute is omitted, then its value shall be assumed to be page.[Example: Consider a [VML](VML.docx) object which should be positioned relative to the page edges, which would be specified as follows:<wd:wrap wd:anchorx="page" wd:anchory="page" />The anchorx attribute specifies that horizontal anchoring is relative to the edge of the page. end example]The possible values for this attribute are defined by the [ST\_HorizontalAnchor](ST_HorizontalAnchor.docx) simple type (§). |
| anchory (Vertical Positioning Base) | Specifies the base object from which the vertical positioning of the object should be calculated.A [VML](VML.docx) object may be vertically positioned relative to:* The horizontal top edge of the page
* The horizontal edge of the top text margin before any runs of text
* The horizontal top edge of [line](line.docx) containing the [VML](VML.docx) object
* The horizontal top edge of the paragraph containing the text.

If this attribute is omitted, then its value shall be assumed to be page.[Example: Consider a [VML](VML.docx) object which should be positioned relative to the page edges, which would be specified as follows:<wd:wrap wd:anchorx="page" wd:anchory="page" />The anchory attribute specifies that horizontal anchoring is relative to the edge of the page. end example]The possible values for this attribute are defined by the [ST\_VerticalAnchor](ST_VerticalAnchor.docx) simple type (§). |
| side (Wrapping side) | Specifies how text shall wrap around the object's left and right sides.[Example: Consider a floating DrawingML object which shall allow text to wrap around its left side only. This setting would be specified as follows:<wd:wrap side="[left](left.docx)" … />The side attribute value of left specifies that text shall only wrap around the left side of the object. end example]The possible values for this attribute are defined by the [ST\_WrapSide](ST_WrapSide.docx) simple type (§). |
| type (Wrapping type) | Specifies the type of wrapping - see the simple type definition for a description of each type.[Example: Consider the following [VML](VML.docx) object:<v:shape … > … <wd:wrap wd:type="topAndBottom" />The wrap element specifies how surrounding WordprocessingML document content shall wrap around the floating [VML](VML.docx) object - in this case, by wrapping around its top and bottom extents via the type attribute value of topAndBottom. end example]The possible values for this attribute are defined by the [ST\_WrapType](ST_WrapType.docx) simple type (§). |

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

<complexType name="CT\_Wrap">

 <attribute name="type" type="[ST\_WrapType](ST_WrapType.docx)" use="optional"/>

 <attribute name="side" type="[ST\_WrapSide](ST_WrapSide.docx)" use="optional"/>

 <attribute name="anchorx" type="[ST\_HorizontalAnchor](ST_HorizontalAnchor.docx)" use="optional"/>

 <attribute name="anchory" type="[ST\_VerticalAnchor](ST_VerticalAnchor.docx)" use="optional"/>

</complexType>