#### 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>