#### vector (Vector)

This element defines the vector [variant](variant.docx) type. Vector contents must be of uniform [type](type.docx) as specified by the baseType attribute. The contents of a vector are defined using repeated child elements of the appropriate [variant](variant.docx) type.

[Example: A vector of [lpstr](lpstr.docx) [variant](variant.docx) types:

<vt:vector baseType="[lpstr](lpstr.docx)">  
 <vt:lpstr>One</vt:lpstr>  
 <vt:lpstr>Two</vt:lpstr>  
 <vt:lpstr>Three</vt:lpstr>  
</vt:vector>

end example]

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| Parent Elements |
| [HeadingPairs](HeadingPairs.docx) (§); [HLinks](HLinks.docx) (§); [property](property.docx) (§); [TitlesOfParts](TitlesOfParts.docx) (§); [variant](variant.docx) (§) |

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| Child Elements | Subclause |
| [bool](bool.docx) (Boolean) | § |
| [bstr](bstr.docx) (Basic String) | § |
| [cf](cf.docx) (Clipboard Data) | § |
| [clsid](clsid.docx) (Class ID) | § |
| [cy](cy.docx) (Currency) | § |
| [date](date.docx) (Date and Time) | § |
| [error](error.docx) (Error Status Code) | § |
| [filetime](filetime.docx) (File Time) | § |
| [i1](i1.docx) (1-Byte Signed Integer) | § |
| [i2](i2.docx) (2-Byte Signed Integer) | § |
| [i4](i4.docx) (4-Byte Signed Integer) | § |
| [i8](i8.docx) (8-Byte Signed Integer) | § |
| [lpstr](lpstr.docx) (LPSTR) | § |
| [lpwstr](lpwstr.docx) (LPWSTR) | § |
| [r4](r4.docx) (4-Byte Real Number) | § |
| [r8](r8.docx) (8-Byte Real Number) | § |
| [ui1](ui1.docx) (1-Byte Unsigned Integer) | § |
| [ui2](ui2.docx) (2-Byte Unsigned Integer) | § |
| [ui4](ui4.docx) (4-Byte Unsigned Integer) | § |
| [ui8](ui8.docx) (8-Byte Unsigned Integer) | § |
| [variant](variant.docx) (Variant) | § |

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| Attributes | Description |
| baseType (Vector Base Type) | The baseType attribute specifies the base [variant](variant.docx) [type](type.docx) of a vector.  The allowed values are: [variant](variant.docx), [i1](i1.docx), [i2](i2.docx), [i4](i4.docx), [i8](i8.docx), [ui1](ui1.docx), [ui2](ui2.docx), [ui4](ui4.docx), [ui8](ui8.docx), [r4](r4.docx), [r8](r8.docx), [lpstr](lpstr.docx), [lpwstr](lpwstr.docx), [bstr](bstr.docx), date, [filetime](filetime.docx), [bool](bool.docx), [cy](cy.docx), [error](error.docx), [clsid](clsid.docx), and cf.  The possible values for this attribute are defined by the [ST\_VectorBaseType](ST_VectorBaseType.docx) simple [type](type.docx) (§). |
| size (Vector Size) | Specifies the number of elements in the vector.  The possible values for this attribute are defined by the XML Schema unsignedInt datatype. |

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

<complexType name="CT\_Vector">

<choice minOccurs="1" maxOccurs="unbounded">

<element ref="[variant](variant.docx)"/>

<element ref="[i1](i1.docx)"/>

<element ref="[i2](i2.docx)"/>

<element ref="[i4](i4.docx)"/>

<element ref="[i8](i8.docx)"/>

<element ref="[ui1](ui1.docx)"/>

<element ref="[ui2](ui2.docx)"/>

<element ref="[ui4](ui4.docx)"/>

<element ref="[ui8](ui8.docx)"/>

<element ref="[r4](r4.docx)"/>

<element ref="[r8](r8.docx)"/>

<element ref="[lpstr](lpstr.docx)"/>

<element ref="[lpwstr](lpwstr.docx)"/>

<element ref="[bstr](bstr.docx)"/>

<element ref="[date](date.docx)"/>

<element ref="[filetime](filetime.docx)"/>

<element ref="[bool](bool.docx)"/>

<element ref="[cy](cy.docx)"/>

<element ref="[error](error.docx)"/>

<element ref="[clsid](clsid.docx)"/>

<element ref="[cf](cf.docx)"/>

</choice>

<attribute name="baseType" [type](type.docx)="[ST\_VectorBaseType](ST_VectorBaseType.docx)" use="required"/>

<attribute name="size" [type](type.docx)="xsd:unsignedInt" use="required"/>

</complexType>