**Control Class Inheritance**

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**Example of CheckBox**

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| Class | Assembly | Brings in |
| System.Object | mscorlib | Root of type hierarchy. |
| System.Windows.Threading.DispatcherObject | WindowsBase | Object accessed only on the thread that created it associated with a dispatcher (processing Win32 message loop). |
| System.Windows.DependencyObject | WindowsBase | Represents an object that participates in the dependency property system.  Add dependency properties. |
| System.Windows.Media.Visual | PresentationCore | Base class for all objects that have their own 2D visual representation.  Provides rendering support in WPF, which includes hit testing, coordinate transformation, and bounding box calculations. |
| System.Windows.UIElement | PresentationCore | Base class for all 2D visual objects with support for routed events, command binding, layout and focus. |
| System.Windows.FrameworkElement | PresentationFramework | Base class that adds support for styles, data binding, resources, and a few common mechanisms such as tooltips and context menus. |
| System.Windows.Controls.Control | PresentationFramework | Base class for familiar controls such as Button, ListBox, …  Add many properties to FrameworkElement such as Foreground, Background, Fontsize.  Base class for user interface elements that use a ControlTemplate to define their appearance. |
| System.Windows.Controls.ContentControl | PresentationFramework | Controls constrained to contain a single item. |
| System.Windows.Controls.Primitives.ButtonBase | PresentationFramework | Represents the base class for all Button controls. |
| System.Windows.Controls.Primitives.ToggleButton | PresentationFramework | Base class for controls that can switch states, such as CheckBox or RadioButton. |
| System.Windows.Controls.CheckBox | PresentationFramework | Represents a control that a user can select and clear. |

System.Object

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| Public method | [Equals(Object)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.EQUALS(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether the specified **Object** is equal to the current **Object**. |
| Public methodStatic member | [Equals(Object, Object)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.EQUALS(SYSTEM.OBJECT%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether the specified object instances are considered equal. |
| Protected method | [Finalize](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.FINALIZE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. |
| Public method | [GetHashCode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.GETHASHCODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Serves as a hash function for a particular type. |
| Public method | [GetType](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.GETTYPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the [Type](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.TYPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) of the current instance. |
| Protected method | [MemberwiseClone](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.MEMBERWISECLONE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Creates a shallow copy of the current **Object**. |
| Public methodStatic member | [ReferenceEquals](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.REFERENCEEQUALS(SYSTEM.OBJECT%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether the specified **Object** instances are the same instance. |
| Public method | [ToString](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.TOSTRING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns a string that represents the current object. |

System.Windows.Threading.DispatcherObject

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| Public property | [Dispatcher](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.THREADING.DISPATCHEROBJECT.DISPATCHER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the [Dispatcher](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.THREADING.DISPATCHER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) this **DispatcherObject** is associated with. |
| Public method | [CheckAccess](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.THREADING.DISPATCHEROBJECT.CHECKACCESS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether the calling thread has access to this DispatcherObject. |
| Public method | [VerifyAccess](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.THREADING.DISPATCHEROBJECT.VERIFYACCESS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Enforces that the calling thread has access to this DispatcherObject. |

System.Windows.DependencyObject

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| Public property | [DependencyObjectType](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.DEPENDENCYOBJECTTYPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the [DependencyObjectType](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.DEPENDENCYOBJECTTYPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) that wraps the CLR type of this instance. |
| Public property | [IsSealed](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.ISSEALED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether this instance is currently sealed (read-only). |
| Public method | [ClearValue(DependencyProperty)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.CLEARVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Clears the local value of a property. The property to be cleared is specified by a [DependencyProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.DEPENDENCYPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) identifier. |
| Public method | [ClearValue(DependencyPropertyKey)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.CLEARVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTYKEY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Clears the local value of a read-only property. The property to be cleared is specified by a [DependencyPropertyKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.DEPENDENCYPROPERTYKEY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). |
| Public method | [CoerceValue](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.COERCEVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Coerces the value of the specified dependency property. This is accomplished by invoking any [CoerceValueCallback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.COERCEVALUECALLBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) function specified in property metadata for the dependency property as it exists on the calling DependencyObject. |
| Public method | [Equals](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.EQUALS(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether a provided DependencyObject is equivalent to the current DependencyObject. (Overrides [Object.Equals(Object)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.EQUALS(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public method | [GetHashCode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.GETHASHCODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a hash code for this DependencyObject. (Overrides [Object.GetHashCode()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.GETHASHCODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public method | [GetLocalValueEnumerator](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.GETLOCALVALUEENUMERATOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Creates a specialized enumerator for determining which dependency properties have locally set values on this DependencyObject. |
| Public method | [GetValue](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.GETVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the current effective value of a dependency property on this instance of a DependencyObject. |
| Public method | [InvalidateProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.INVALIDATEPROPERTY(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Re-evaluates the effective value for the specified dependency property |
| Protected method | [OnPropertyChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.ONPROPERTYCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked whenever the effective value of any dependency property on this DependencyObject has been updated. The specific dependency property that changed is reported in the event data. |
| Public method | [ReadLocalValue](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.READLOCALVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the local value of a dependency property, if it exists. |
| Public method | [SetCurrentValue](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.SETCURRENTVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Sets the value of a dependency property without changing its value source. |
| Public method | [SetValue(DependencyProperty, Object)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.SETVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Sets the local value of a dependency property, specified by its dependency property identifier. |
| Public method | [SetValue(DependencyPropertyKey, Object)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.SETVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTYKEY%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Sets the local value of a read-only dependency property, specified by the [DependencyPropertyKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.DEPENDENCYPROPERTYKEY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) identifier of the dependency property. |
| Protected method | [ShouldSerializeProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.SHOULDSERIALIZEPROPERTY(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns a value that indicates whether serialization processes should serialize the value for the provided dependency property. |

System.Windows.Media.Visual

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| Protected property | [VisualBitmapScalingMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALBITMAPSCALINGMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the [BitmapScalingMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.BITMAPSCALINGMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) for the **Visual**. |
| Protected property | [VisualCacheMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALCACHEMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a cached representation of the **Visual**. |
| Protected property | [VisualChildrenCount](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALCHILDRENCOUNT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the number of child elements for the **Visual**. |
| Protected property | [VisualClearTypeHint](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALCLEARTYPEHINT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the [ClearTypeHint](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.CLEARTYPEHINT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) that determines how ClearType is rendered in the **Visual**. |
| Protected property | [VisualClip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALCLIP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the clip region of the **Visual** as a [Geometry](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.GEOMETRY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) value. |
| Protected property | [VisualEdgeMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALEDGEMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the edge mode of the **Visual** as an [EdgeMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.EDGEMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) value. |
| Protected property | [VisualEffect](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALEFFECT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the bitmap effect to apply to the **Visual**. |
| Protected property | [VisualOffset](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALOFFSET&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the offset value of the visual object. |
| Protected property | [VisualOpacity](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALOPACITY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the opacity of the **Visual**. |
| Protected property | [VisualOpacityMask](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALOPACITYMASK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the [Brush](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.BRUSH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) value that represents the opacity mask of the **Visual**. |
| Protected property | [VisualParent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALPARENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the visual tree parent of the visual object. |
| Protected property | [VisualScrollableAreaClip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALSCROLLABLEAREACLIP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a clipped scrollable area for the **Visual**. |
| Protected property | [VisualTextHintingMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALTEXTHINTINGMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the [TextHintingMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.TEXTHINTINGMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) of the **Visual**. |
| Protected property | [VisualTextRenderingMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALTEXTRENDERINGMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the [TextRenderingMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.TEXTRENDERINGMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) of the **Visual**. |
| Protected property | [VisualTransform](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALTRANSFORM&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the [Transform](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.TRANSFORM&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) value for the **Visual**. |
| Protected property | [VisualXSnappingGuidelines](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALXSNAPPINGGUIDELINES&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the x-coordinate (vertical) guideline collection. |
| Protected property | [VisualYSnappingGuidelines](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALYSNAPPINGGUIDELINES&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the y-coordinate (horizontal) guideline collection. |
| Protected method | [AddVisualChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.ADDVISUALCHILD(SYSTEM.WINDOWS.MEDIA.VISUAL)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Defines the parent-child relationship between two visuals. |
| Public method | [FindCommonVisualAncestor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.FINDCOMMONVISUALANCESTOR(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the common ancestor of two visual objects. |
| Protected method | [GetVisualChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.GETVISUALCHILD(SYSTEM.INT32)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the specified Visual in the parent [VisualCollection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.VISUALCOLLECTION&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). |
| Protected method | [HitTestCore(GeometryHitTestParameters)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.HITTESTCORE(SYSTEM.WINDOWS.MEDIA.GEOMETRYHITTESTPARAMETERS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether a geometry value is within the bounds of the visual object. |
| Protected method | [HitTestCore(PointHitTestParameters)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.HITTESTCORE(SYSTEM.WINDOWS.MEDIA.POINTHITTESTPARAMETERS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether a point coordinate value is within the bounds of the visual object. |
| Public method | [IsAncestorOf](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.ISANCESTOROF(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether the visual object is an ancestor of the descendant visual object. |
| Public method | [IsDescendantOf](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.ISDESCENDANTOF(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether the visual object is a descendant of the ancestor visual object. |
| Protected method | [OnVisualChildrenChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.ONVISUALCHILDRENCHANGED(SYSTEM.WINDOWS.DEPENDENCYOBJECT%2CSYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [VisualCollection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.VISUALCOLLECTION&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) of the visual object is modified. |
| Protected method | [OnVisualParentChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.ONVISUALPARENTCHANGED(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the parent of the visual object is changed. |
| Public method | [PointFromScreen](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.POINTFROMSCREEN(SYSTEM.WINDOWS.POINT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Converts a [Point](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.POINT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) in screen coordinates into a [Point](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.POINT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) that represents the current coordinate system of the Visual. |
| Public method | [PointToScreen](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.POINTTOSCREEN(SYSTEM.WINDOWS.POINT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Converts a [Point](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.POINT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) that represents the current coordinate system of the Visual into a [Point](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.POINT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) in screen coordinates. |
| Protected method | [RemoveVisualChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.REMOVEVISUALCHILD(SYSTEM.WINDOWS.MEDIA.VISUAL)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Removes the parent-child relationship between two visuals. |
| Public method | [TransformToAncestor(Visual)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.TRANSFORMTOANCESTOR(SYSTEM.WINDOWS.MEDIA.VISUAL)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns a transform that can be used to transform coordinates from the Visual to the specified Visual ancestor of the visual object. |
| Public method | [TransformToAncestor(Visual3D)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.TRANSFORMTOANCESTOR(SYSTEM.WINDOWS.MEDIA.MEDIA3D.VISUAL3D)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns a transform that can be used to transform coordinates from the Visual to the specified [Visual3D](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.MEDIA3D.VISUAL3D&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) ancestor of the visual object. |
| Public method | [TransformToDescendant](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.TRANSFORMTODESCENDANT(SYSTEM.WINDOWS.MEDIA.VISUAL)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns a transform that can be used to transform coordinates from the Visual to the specified visual object descendant. |
| Public method | [TransformToVisual](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.TRANSFORMTOVISUAL(SYSTEM.WINDOWS.MEDIA.VISUAL)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns a transform that can be used to transform coordinates from the Visual to the specified visual object. |

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| Public property | [AllowDrop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ALLOWDROP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value indicating whether this element can be used as the target of a drag-and-drop operation. This is a dependency property. |
| Public property | [AreAnyTouchesCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESCAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether at least one touch is captured to this element. |
| Public property | [AreAnyTouchesCapturedWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESCAPTUREDWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether at least one touch is captured to this element or to any child elements in its visual tree. |
| Public property | [AreAnyTouchesDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether at least one touch is pressed over this element. |
| Public property | [AreAnyTouchesOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether at least one touch is pressed over this element or any child elements in its visual tree. |
| Public property | [CacheMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.CACHEMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a cached representation of the **UIElement**. |
| Public property | [Clip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.CLIP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the geometry used to define the outline of the contents of an element. This is a dependency property. |
| Public property | [ClipToBounds](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.CLIPTOBOUNDS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value indicating whether to clip the content of this element (or content coming from the child elements of this element) to fit into the size of the containing element. This is a dependency property. |
| Public property | [CommandBindings](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.COMMANDBINDINGS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a collection of [CommandBinding](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.INPUT.COMMANDBINDING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) objects associated with this element. A [CommandBinding](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.INPUT.COMMANDBINDING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) enables command handling for this element, and declares the linkage between a command, its events, and the handlers attached by this element. |
| Public property | [DesiredSize](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.DESIREDSIZE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the size that this element computed during the measure pass of the layout process. |
| Public property | [Effect](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.EFFECT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the bitmap effect to apply to the **UIElement**. This is a dependency property. |
| Public property | [Focusable](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.FOCUSABLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that indicates whether the element can receive focus. This is a dependency property. |
| Public property | [HasAnimatedProperties](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.HASANIMATEDPROPERTIES&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether this element has any animated properties. |
| Public property | [InputBindings](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.INPUTBINDINGS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the collection of input bindings associated with this element. |
| Public property | [IsArrangeValid](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISARRANGEVALID&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether the computed size and position of child elements in this element's layout are valid. |
| Public property | [IsEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value indicating whether this element is enabled in the user interface (UI). This is a dependency property. |
| Protected property | [IsEnabledCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLEDCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that becomes the return value of [IsEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) in derived classes. |
| Public property | [IsFocused](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISFOCUSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that determines whether this element has logical focus. This is a dependency property. |
| Public property | [IsHitTestVisible](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISHITTESTVISIBLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that declares whether this element can possibly be returned as a hit test result from some portion of its rendered content. This is a dependency property. |
| Public property | [IsInputMethodEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISINPUTMETHODENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether an input method system, such as an Input Method Editor (IME), is enabled for processing the input to this element. |
| Public property | [IsKeyboardFocused](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether this element has keyboard focus. This is a dependency property. |
| Public property | [IsKeyboardFocusWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether keyboard focus is anywhere within the element or its visual tree child elements. This is a dependency property. |
| Public property | [IsManipulationEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMANIPULATIONENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that indicates whether manipulation events are enabled on this **UIElement**. |
| Public property | [IsMeasureValid](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMEASUREVALID&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether the current size returned by layout measure is valid. |
| Public property | [IsMouseCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether the mouse is captured to this element. This is a dependency property. |
| Public property | [IsMouseCaptureWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that determines whether mouse capture is held by this element or by child elements in its visual tree. This is a dependency property. |
| Public property | [IsMouseDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether the position of the mouse pointer corresponds to hit test results, which take element compositing into account. This is a dependency property. |
| Public property | [IsMouseOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether the mouse pointer is located over this element (including child elements in the visual tree). This is a dependency property. |
| Public property | [IsStylusCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether the stylus is captured by this element. This is a dependency property. |
| Public property | [IsStylusCaptureWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that determines whether stylus capture is held by this element, or an element within the element bounds and its visual tree. This is a dependency property. |
| Public property | [IsStylusDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether the stylus position corresponds to hit test results, which take element compositing into account. This is a dependency property. |
| Public property | [IsStylusOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether the stylus cursor is located over this element (including visual child elements). This is a dependency property. |
| Public property | [IsVisible](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISVISIBLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value indicating whether this element is visible in the user interface (UI). This is a dependency property. |
| Public property | [Opacity](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.OPACITY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the opacity factor applied to the entire **UIElement** when it is rendered in the user interface (UI). This is a dependency property. |
| Public property | [OpacityMask](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.OPACITYMASK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets an opacity mask, as a [Brush](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.BRUSH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) implementation that is applied to any alpha-channel masking for the rendered content of this element. This is a dependency property. |
| Public property | [RenderSize](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.RENDERSIZE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets (or sets, but see Remarks) the final render size of this element. |
| Public property | [RenderTransform](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.RENDERTRANSFORM&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets transform information that affects the rendering position of this element. This is a dependency property. |
| Public property | [RenderTransformOrigin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.RENDERTRANSFORMORIGIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the center point of any possible render transform declared by [RenderTransform](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.RENDERTRANSFORM&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS), relative to the bounds of the element. This is a dependency property. |
| Public property | [SnapsToDevicePixels](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.SNAPSTODEVICEPIXELS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that determines whether rendering for this element should use device-specific pixel settings during rendering. This is a dependency property. |
| Protected property | [StylusPlugIns](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSPLUGINS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a collection of all stylus plug-in (customization) objects associated with this element. |
| Public property | [TouchesCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHESCAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets all touch devices that are captured to this element. |
| Public property | [TouchesCapturedWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHESCAPTUREDWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets all touch devices that are captured to this element or any child elements in its visual tree. |
| Public property | [TouchesDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHESDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets all touch devices that are over this element. |
| Public property | [TouchesOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHESOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets all touch devices that are over this element or any child elements in its visual tree. |
| Public property | [Uid](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.UID&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the unique identifier (for localization) for this element. This is a dependency property. |
| Public property | [Visibility](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.VISIBILITY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the user interface (UI) visibility of this element. This is a dependency property. |
| Public method | [AddHandler(RoutedEvent, Delegate)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ADDHANDLER(SYSTEM.WINDOWS.ROUTEDEVENT%2CSYSTEM.DELEGATE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Adds a routed event handler for a specified routed event, adding the handler to the handler collection on the current element. |
| Public method | [AddHandler(RoutedEvent, Delegate, Boolean)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ADDHANDLER(SYSTEM.WINDOWS.ROUTEDEVENT%2CSYSTEM.DELEGATE%2CSYSTEM.BOOLEAN)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Adds a routed event handler for a specified routed event, adding the handler to the handler collection on the current element. Specify handledEventsToo as true to have the provided handler be invoked for routed event that had already been marked as handled by another element along the event route. |
| Public method | [AddToEventRoute](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ADDTOEVENTROUTE(SYSTEM.WINDOWS.EVENTROUTE%2CSYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Adds handlers to the specified [EventRoute](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.EVENTROUTE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) for the current UIElement event handler collection. |
| Public method | [ApplyAnimationClock(DependencyProperty, AnimationClock)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.APPLYANIMATIONCLOCK(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.ANIMATIONCLOCK)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Applies an animation to a specified dependency property on this element. Any existing animations are stopped and replaced with the new animation. |
| Public method | [ApplyAnimationClock(DependencyProperty, AnimationClock, HandoffBehavior)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.APPLYANIMATIONCLOCK(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.ANIMATIONCLOCK%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.HANDOFFBEHAVIOR)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Applies an animation to a specified dependency property on this element, with the ability to specify what happens if the property already has a running animation. |
| Public method | [Arrange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ARRANGE(SYSTEM.WINDOWS.RECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Positions child elements and determines a size for a UIElement. Parent elements call this method from their [ArrangeCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ARRANGECORE(SYSTEM.WINDOWS.RECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) implementation (or a WPF framework-level equivalent) to form a recursive layout update. This method constitutes the second pass of a layout update. |
| Protected method | [ArrangeCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ARRANGECORE(SYSTEM.WINDOWS.RECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Defines the template for WPF core-level arrange layout definition. |
| Public method | [BeginAnimation(DependencyProperty, AnimationTimeline)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.BEGINANIMATION(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.ANIMATIONTIMELINE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Starts an animation for a specified animated property on this element. |
| Public method | [BeginAnimation(DependencyProperty, AnimationTimeline, HandoffBehavior)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.BEGINANIMATION(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.ANIMATIONTIMELINE%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.HANDOFFBEHAVIOR)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Starts a specific animation for a specified animated property on this element, with the option of specifying what happens if the property already has a running animation. |
| Public method | [CaptureMouse](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.CAPTUREMOUSE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to force capture of the mouse to this element. |
| Public method | [CaptureStylus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.CAPTURESTYLUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to force capture of the stylus to this element. |
| Public method | [CaptureTouch](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.CAPTURETOUCH(SYSTEM.WINDOWS.INPUT.TOUCHDEVICE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to force capture of a touch to this element. |
| Public method | [Focus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.FOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to set focus to this element. |
| Public method | [GetAnimationBaseValue](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.GETANIMATIONBASEVALUE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the base property value for the specified property on this element, disregarding any possible animated value from a running or stopped animation. |
| Protected method | [GetLayoutClip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.GETLAYOUTCLIP(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns an alternative clipping geometry that represents the region that would be clipped if [ClipToBounds](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.CLIPTOBOUNDS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) were set to true. |
| Protected method | [GetUIParentCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.GETUIPARENTCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, returns an alternative user interface (UI) parent for this element if no visual parent exists. |
| Protected method | [HitTestCore(GeometryHitTestParameters)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.HITTESTCORE(SYSTEM.WINDOWS.MEDIA.GEOMETRYHITTESTPARAMETERS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Implements [Visual.HitTestCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=OVERLOAD%3ASYSTEM.WINDOWS.MEDIA.VISUAL.HITTESTCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) to supply base element hit testing behavior (returning [GeometryHitTestResult](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.GEOMETRYHITTESTRESULT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS)). (Overrides [Visual.HitTestCore(GeometryHitTestParameters)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.HITTESTCORE(SYSTEM.WINDOWS.MEDIA.GEOMETRYHITTESTPARAMETERS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [HitTestCore(PointHitTestParameters)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.HITTESTCORE(SYSTEM.WINDOWS.MEDIA.POINTHITTESTPARAMETERS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Implements [HitTestCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=OVERLOAD%3ASYSTEM.WINDOWS.MEDIA.VISUAL.HITTESTCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) to supply base element hit testing behavior (returning [HitTestResult](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.MEDIA.HITTESTRESULT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS)). (Overrides [Visual.HitTestCore(PointHitTestParameters)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.HITTESTCORE(SYSTEM.WINDOWS.MEDIA.POINTHITTESTPARAMETERS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public method | [InputHitTest](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.INPUTHITTEST(SYSTEM.WINDOWS.POINT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the input element within the current element that is at the specified coordinates, relative to the current element's origin. |
| Public method | [InvalidateArrange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.INVALIDATEARRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invalidates the arrange state (layout) for the element. After the invalidation, the element will have its layout updated, which will occur asynchronously unless subsequently forced by [UpdateLayout](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.UPDATELAYOUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). |
| Public method | [InvalidateMeasure](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.INVALIDATEMEASURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invalidates the measurement state (layout) for the element. |
| Public method | [InvalidateVisual](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.INVALIDATEVISUAL&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invalidates the rendering of the element, and forces a complete new layout pass. [OnRender](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONRENDER(SYSTEM.WINDOWS.MEDIA.DRAWINGCONTEXT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) is called after the layout cycle is completed. |
| Public method | [Measure](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.MEASURE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Updates the [DesiredSize](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.DESIREDSIZE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) of a UIElement. Parent elements call this method from their own [MeasureCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.MEASURECORE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) implementations to form a recursive layout update. Calling this method constitutes the first pass (the "Measure" pass) of a layout update. |
| Protected method | [MeasureCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.MEASURECORE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, provides measurement logic for sizing this element properly, with consideration of the size of any child element content. |
| Public method | [MoveFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.MOVEFOCUS(SYSTEM.WINDOWS.INPUT.TRAVERSALREQUEST)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to move focus from this element to another element. The direction to move focus is specified by a guidance direction, which is interpreted within the organization of the visual parent for this element. |
| Protected method | [OnAccessKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONACCESSKEY(SYSTEM.WINDOWS.INPUT.ACCESSKEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for when an access key that is meaningful for this element is invoked. |
| Protected method | [OnChildDesiredSizeChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONCHILDDESIREDSIZECHANGED(SYSTEM.WINDOWS.UIELEMENT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Supports layout behavior when a child element is resized. |
| Protected method | [OnCreateAutomationPeer](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONCREATEAUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns class-specific [AutomationPeer](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.AUTOMATION.PEERS.AUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) implementations for the Windows Presentation Foundation (WPF) infrastructure. |
| Protected method | [OnDragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONDRAGENTER(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.DragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.DRAGENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnDragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONDRAGLEAVE(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.DragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.DRAGLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnDragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONDRAGOVER(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.DragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.DRAGOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnDrop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONDROP(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.DragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.DRAGENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnGiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONGIVEFEEDBACK(SYSTEM.WINDOWS.GIVEFEEDBACKEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.GiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.GIVEFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnGotFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONGOTFOCUS(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises the [GotFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event by using the event data provided. |
| Protected method | [OnGotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONGOTKEYBOARDFOCUS(SYSTEM.WINDOWS.INPUT.KEYBOARDFOCUSCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.GotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.GOTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnGotMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONGOTMOUSECAPTURE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.GotMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.GOTMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnGotStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONGOTSTYLUSCAPTURE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.GotStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.GOTSTYLUSCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnGotTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONGOTTOUCHCAPTURE(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [GotTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTTOUCHCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch is captured to this element. |
| Protected method | [OnIsKeyboardFocusedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISKEYBOARDFOCUSEDCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [IsKeyboardFocusedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSEDCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnIsKeyboardFocusWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISKEYBOARDFOCUSWITHINCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked just before the [IsKeyboardFocusWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSWITHINCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised by this element. Implement this method to add class handling for this event. |
| Protected method | [OnIsMouseCapturedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISMOUSECAPTUREDCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [IsMouseCapturedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREDCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnIsMouseCaptureWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISMOUSECAPTUREWITHINCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [IsMouseCaptureWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREWITHINCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnIsMouseDirectlyOverChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISMOUSEDIRECTLYOVERCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [IsMouseDirectlyOverChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEDIRECTLYOVERCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnIsStylusCapturedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISSTYLUSCAPTUREDCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [IsStylusCapturedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREDCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnIsStylusCaptureWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISSTYLUSCAPTUREWITHINCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [IsStylusCaptureWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREWITHINCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnIsStylusDirectlyOverChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONISSTYLUSDIRECTLYOVERCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [IsStylusDirectlyOverChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSDIRECTLYOVERCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONKEYDOWN(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.KeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.KEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnKeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONKEYUP(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.KeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.KEYUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnLostFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONLOSTFOCUS(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises the [LostFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event by using the event data that is provided. |
| Protected method | [OnLostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONLOSTKEYBOARDFOCUS(SYSTEM.WINDOWS.INPUT.KEYBOARDFOCUSCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.LostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.LOSTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnLostMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONLOSTMOUSECAPTURE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.LostMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.LOSTMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnLostStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONLOSTSTYLUSCAPTURE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.LostStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.LOSTSTYLUSCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnLostTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONLOSTTOUCHCAPTURE(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [LostTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTTOUCHCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when this element loses a touch capture. |
| Protected method | [OnManipulationBoundaryFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMANIPULATIONBOUNDARYFEEDBACK(SYSTEM.WINDOWS.INPUT.MANIPULATIONBOUNDARYFEEDBACKEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [ManipulationBoundaryFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONBOUNDARYFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event occurs. |
| Protected method | [OnManipulationCompleted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMANIPULATIONCOMPLETED(SYSTEM.WINDOWS.INPUT.MANIPULATIONCOMPLETEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [ManipulationCompleted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONCOMPLETED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event occurs. |
| Protected method | [OnManipulationDelta](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMANIPULATIONDELTA(SYSTEM.WINDOWS.INPUT.MANIPULATIONDELTAEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [ManipulationDelta](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONDELTA&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event occurs. |
| Protected method | [OnManipulationInertiaStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMANIPULATIONINERTIASTARTING(SYSTEM.WINDOWS.INPUT.MANIPULATIONINERTIASTARTINGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [ManipulationInertiaStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONINERTIASTARTING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event occurs. |
| Protected method | [OnManipulationStarted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMANIPULATIONSTARTED(SYSTEM.WINDOWS.INPUT.MANIPULATIONSTARTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [ManipulationStarted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event occurs. |
| Protected method | [OnManipulationStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMANIPULATIONSTARTING(SYSTEM.WINDOWS.INPUT.MANIPULATIONSTARTINGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [ManipulationStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the manipulation processor is first created. |
| Protected method | [OnMouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSEDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.MouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.MOUSEDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnMouseEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSEENTER(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.MouseEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.MOUSEENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnMouseLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSELEAVE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.MouseLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.MOUSELEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnMouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSELEFTBUTTONDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [MouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event is raised on this element. Implement this method to add class handling for this event. |
| Protected method | [OnMouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSELEFTBUTTONUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [MouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnMouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSEMOVE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.MouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.MOUSEMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnMouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSERIGHTBUTTONDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [MouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnMouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSERIGHTBUTTONUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [MouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnMouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSEUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.MouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.MOUSEUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnMouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSEWHEEL(SYSTEM.WINDOWS.INPUT.MOUSEWHEELEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.MouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.MOUSEWHEEL&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewDragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWDRAGENTER(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.PreviewDragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.PREVIEWDRAGENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewDragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWDRAGLEAVE(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.PreviewDragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.PREVIEWDRAGLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewDragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWDRAGOVER(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.PreviewDragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.PREVIEWDRAGOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewDrop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWDROP(SYSTEM.WINDOWS.DRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.PreviewDrop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.PREVIEWDROP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewGiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWGIVEFEEDBACK(SYSTEM.WINDOWS.GIVEFEEDBACKEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.PreviewGiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.PREVIEWGIVEFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewGotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWGOTKEYBOARDFOCUS(SYSTEM.WINDOWS.INPUT.KEYBOARDFOCUSCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.PreviewGotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.PREVIEWGOTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWKEYDOWN(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.PreviewKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.PREVIEWKEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewKeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWKEYUP(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.PreviewKeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.PREVIEWKEYUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewLostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWLOSTKEYBOARDFOCUS(SYSTEM.WINDOWS.INPUT.KEYBOARDFOCUSCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Keyboard.PreviewKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.KEYBOARD.PREVIEWKEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSEDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.PreviewMouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.PREVIEWMOUSEDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSELEFTBUTTONDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [PreviewMouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSELEFTBUTTONUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [PreviewMouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSEMOVE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.PreviewMouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.PREVIEWMOUSEMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSERIGHTBUTTONDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [PreviewMouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSERIGHTBUTTONUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [PreviewMouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSEUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.PreviewMouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.PREVIEWMOUSEUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewMouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWMOUSEWHEEL(SYSTEM.WINDOWS.INPUT.MOUSEWHEELEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.PreviewMouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.PREVIEWMOUSEWHEEL&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewQueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWQUERYCONTINUEDRAG(SYSTEM.WINDOWS.QUERYCONTINUEDRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.PreviewQueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.PREVIEWQUERYCONTINUEDRAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSBUTTONDOWN(SYSTEM.WINDOWS.INPUT.STYLUSBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSBUTTONUP(SYSTEM.WINDOWS.INPUT.STYLUSBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSDOWN(SYSTEM.WINDOWS.INPUT.STYLUSDOWNEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSINAIRMOVE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSINRANGE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSINRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSMOVE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSOUTOFRANGE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSOUTOFRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSSYSTEMGESTURE(SYSTEM.WINDOWS.INPUT.STYLUSSYSTEMGESTUREEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSSYSTEMGESTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewStylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWSTYLUSUP(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.PreviewStylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.PREVIEWSTYLUSUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewTextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWTEXTINPUT(SYSTEM.WINDOWS.INPUT.TEXTCOMPOSITIONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [TextCompositionManager.PreviewTextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.TEXTCOMPOSITIONMANAGER.PREVIEWTEXTINPUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnPreviewTouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWTOUCHDOWN(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [PreviewTouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch presses this element. |
| Protected method | [OnPreviewTouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWTOUCHMOVE(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [PreviewTouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch moves while inside this element. |
| Protected method | [OnPreviewTouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONPREVIEWTOUCHUP(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [PreviewTouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch is released inside this element. |
| Protected method | [OnQueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONQUERYCONTINUEDRAG(SYSTEM.WINDOWS.QUERYCONTINUEDRAGEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [DragDrop.QueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.DRAGDROP.QUERYCONTINUEDRAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnQueryCursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONQUERYCURSOR(SYSTEM.WINDOWS.INPUT.QUERYCURSOREVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Mouse.QueryCursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.MOUSE.QUERYCURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnRender](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONRENDER(SYSTEM.WINDOWS.MEDIA.DRAWINGCONTEXT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, participates in rendering operations that are directed by the layout system. The rendering instructions for this element are not used directly when this method is invoked, and are instead preserved for later asynchronous use by layout and drawing. |
| Protected method | [OnRenderSizeChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONRENDERSIZECHANGED(SYSTEM.WINDOWS.SIZECHANGEDINFO)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, participates in rendering operations that are directed by the layout system. This method is invoked after layout update, and before rendering, if the element's [RenderSize](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.RENDERSIZE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) has changed as a result of layout update. |
| Protected method | [OnStylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSBUTTONDOWN(SYSTEM.WINDOWS.INPUT.STYLUSBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSBUTTONUP(SYSTEM.WINDOWS.INPUT.STYLUSBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSDOWN(SYSTEM.WINDOWS.INPUT.STYLUSDOWNEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSENTER(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event is raised by this element. Implement this method to add class handling for this event. |
| Protected method | [OnStylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSINAIRMOVE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSINRANGE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSINRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSLEAVE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event is raised by this element. Implement this method to add class handling for this event. |
| Protected method | [OnStylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSMOVE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSOUTOFRANGE(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSOUTOFRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSSYSTEMGESTURE(SYSTEM.WINDOWS.INPUT.STYLUSSYSTEMGESTUREEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSSYSTEMGESTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnStylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONSTYLUSUP(SYSTEM.WINDOWS.INPUT.STYLUSEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [Stylus.StylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.STYLUS.STYLUSUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnTextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONTEXTINPUT(SYSTEM.WINDOWS.INPUT.TEXTCOMPOSITIONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when an unhandled [TextCompositionManager.TextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.INPUT.TEXTCOMPOSITIONMANAGER.TEXTINPUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached event reaches an element in its route that is derived from this class. Implement this method to add class handling for this event. |
| Protected method | [OnTouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONTOUCHDOWN(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [TouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch presses inside this element. |
| Protected method | [OnTouchEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONTOUCHENTER(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [TouchEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch moves from outside to inside the bounds of this element. |
| Protected method | [OnTouchLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONTOUCHLEAVE(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [TouchLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch moves from inside to outside the bounds of this UIElement. |
| Protected method | [OnTouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONTOUCHMOVE(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [TouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch moves while inside this element. |
| Protected method | [OnTouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONTOUCHUP(SYSTEM.WINDOWS.INPUT.TOUCHEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [TouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when a touch is released inside this element. |
| Protected method | [OnVisualParentChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONVISUALPARENTCHANGED(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when the parent element of this UIElement reports a change to its underlying visual parent. (Overrides [Visual.OnVisualParentChanged(DependencyObject)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.ONVISUALPARENTCHANGED(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public method | [PredictFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.PREDICTFOCUS(SYSTEM.WINDOWS.INPUT.FOCUSNAVIGATIONDIRECTION)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, returns the element that would receive focus for a specified focus traversal direction, without actually moving focus to that element. |
| Public method | [RaiseEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.RAISEEVENT(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises a specific routed event. The [RoutedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.ROUTEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) to be raised is identified within the [RoutedEventArgs](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.ROUTEDEVENTARGS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) instance that is provided (as the [RoutedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.ROUTEDEVENTARGS.ROUTEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property of that event data). |
| Public method | [ReleaseAllTouchCaptures](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.RELEASEALLTOUCHCAPTURES&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Releases all captured touch devices from this element. |
| Public method | [ReleaseMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.RELEASEMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Releases the mouse capture, if this element held the capture. |
| Public method | [ReleaseStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.RELEASESTYLUSCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Releases the stylus device capture, if this element held the capture. |
| Public method | [ReleaseTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.RELEASETOUCHCAPTURE(SYSTEM.WINDOWS.INPUT.TOUCHDEVICE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to release the specified touch device from this element. |
| Public method | [RemoveHandler](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.REMOVEHANDLER(SYSTEM.WINDOWS.ROUTEDEVENT%2CSYSTEM.DELEGATE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Removes the specified routed event handler from this element. |
| Public method | [ShouldSerializeCommandBindings](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.SHOULDSERIALIZECOMMANDBINDINGS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns whether serialization processes should serialize the contents of the [CommandBindings](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.COMMANDBINDINGS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property on instances of this class. |
| Public method | [ShouldSerializeInputBindings](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.SHOULDSERIALIZEINPUTBINDINGS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns whether serialization processes should serialize the contents of the [InputBindings](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.INPUTBINDINGS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property on instances of this class. |
| Public method | [TranslatePoint](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.TRANSLATEPOINT(SYSTEM.WINDOWS.POINT%2CSYSTEM.WINDOWS.UIELEMENT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Translates a point relative to this element to coordinates that are relative to the specified element. |
| Public method | [UpdateLayout](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.UPDATELAYOUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Ensures that all visual child elements of this element are properly updated for layout. |
| Public event | [DragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DRAGENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drag event with this element as the drag target. |
| Public event | [DragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DRAGLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drag event with this element as the drag origin. |
| Public event | [DragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DRAGOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drag event with this element as the potential drop target. |
| Public event | [Drop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DROP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drop event with this element as the drop target. |
| Public event | [FocusableChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.FOCUSABLECHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [Focusable](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.FOCUSABLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes. |
| Public event | [GiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GIVEFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drag-and-drop event that involves this element. |
| Public event | [GotFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element gets logical focus. |
| Public event | [GotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the keyboard is focused on this element. |
| Public event | [GotMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element captures the mouse. |
| Public event | [GotStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTSTYLUSCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element captures the stylus. |
| Public event | [GotTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTTOUCHCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a touch is captured to this element. |
| Public event | [IsEnabledChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLEDCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property on this element changes. |
| Public event | [IsHitTestVisibleChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISHITTESTVISIBLECHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsHitTestVisible](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISHITTESTVISIBLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property changes on this element. |
| Public event | [IsKeyboardFocusedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSEDCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsKeyboardFocused](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [IsKeyboardFocusWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSWITHINCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsKeyboardFocusWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSWITHINCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [IsMouseCapturedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREDCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsMouseCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [IsMouseCaptureWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREWITHINCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsMouseCaptureWithinProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREWITHINPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) changes on this element. |
| Public event | [IsMouseDirectlyOverChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEDIRECTLYOVERCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsMouseDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [IsStylusCapturedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREDCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsStylusCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [IsStylusCaptureWithinChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREWITHINCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsStylusCaptureWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [IsStylusDirectlyOverChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSDIRECTLYOVERCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsStylusDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [IsVisibleChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.ISVISIBLECHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the value of the [IsVisible](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISVISIBLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes on this element. |
| Public event | [KeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.KEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a key is pressed while focus is on this element. |
| Public event | [KeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.KEYUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a key is released while focus is on this element. |
| Public event | [LayoutUpdated](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LAYOUTUPDATED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the layout of the various visual elements associated with the current [Dispatcher](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.THREADING.DISPATCHER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) changes. |
| Public event | [LostFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element loses logical focus. |
| Public event | [LostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the keyboard is no longer focused on this element,. |
| Public event | [LostMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element loses mouse capture. |
| Public event | [LostStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTSTYLUSCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element loses stylus capture. |
| Public event | [LostTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTTOUCHCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element loses a touch capture. |
| Public event | [ManipulationBoundaryFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONBOUNDARYFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the manipulation encounters a boundary. |
| Public event | [ManipulationCompleted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONCOMPLETED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a manipulation and inertia on the UIElement object is complete. |
| Public event | [ManipulationDelta](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONDELTA&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input device changes position during a manipulation. |
| Public event | [ManipulationInertiaStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONINERTIASTARTING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input device loses contact with the UIElement object during a manipulation and inertia begins. |
| Public event | [ManipulationStarted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when an input device begins a manipulation on the UIElement object. |
| Public event | [ManipulationStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the manipulation processor is first created. |
| Public event | [MouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when any mouse button is pressed while the pointer is over this element. |
| Public event | [MouseEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the mouse pointer enters the bounds of this element. |
| Public event | [MouseLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the mouse pointer leaves the bounds of this element. |
| Public event | [MouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the left mouse button is pressed while the mouse pointer is over this element. |
| Public event | [MouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the left mouse button is released while the mouse pointer is over this element. |
| Public event | [MouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the mouse pointer moves while over this element. |
| Public event | [MouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the right mouse button is pressed while the mouse pointer is over this element. |
| Public event | [MouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the right mouse button is released while the mouse pointer is over this element. |
| Public event | [MouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when any mouse button is released over this element. |
| Public event | [MouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEWHEEL&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the user rotates the mouse wheel while the mouse pointer is over this element. |
| Public event | [PreviewDragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drag event with this element as the drag target. |
| Public event | [PreviewDragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drag event with this element as the drag origin. |
| Public event | [PreviewDragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drag event with this element as the potential drop target. |
| Public event | [PreviewDrop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDROP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the input system reports an underlying drop event with this element as the drop target. |
| Public event | [PreviewGiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWGIVEFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a drag-and-drop operation is started. |
| Public event | [PreviewGotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWGOTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the keyboard is focused on this element. |
| Public event | [PreviewKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWKEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a key is pressed while focus is on this element. |
| Public event | [PreviewKeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWKEYUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a key is released while focus is on this element. |
| Public event | [PreviewLostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWLOSTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the keyboard is no longer focused on this element. |
| Public event | [PreviewMouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when any mouse button is pressed while the pointer is over this element. |
| Public event | [PreviewMouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the left mouse button is pressed while the mouse pointer is over this element. |
| Public event | [PreviewMouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the left mouse button is released while the mouse pointer is over this element. |
| Public event | [PreviewMouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the mouse pointer moves while the mouse pointer is over this element. |
| Public event | [PreviewMouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the right mouse button is pressed while the mouse pointer is over this element. |
| Public event | [PreviewMouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the right mouse button is released while the mouse pointer is over this element. |
| Public event | [PreviewMouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when any mouse button is released while the mouse pointer is over this element. |
| Public event | [PreviewMouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEWHEEL&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the user rotates the mouse wheel while the mouse pointer is over this element. |
| Public event | [PreviewQueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWQUERYCONTINUEDRAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when there is a change in the keyboard or mouse button state during a drag-and-drop operation. |
| Public event | [PreviewStylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus button is pressed while the pointer is over this element. |
| Public event | [PreviewStylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus button is released while the pointer is over this element. |
| Public event | [PreviewStylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus touches the digitizer while it is over this element. |
| Public event | [PreviewStylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus moves over an element without actually touching the digitizer. |
| Public event | [PreviewStylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSINRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus is close enough to the digitizer to be detected, while over this element. |
| Public event | [PreviewStylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus moves while over the element. The stylus must move while being detected by the digitizer to raise this event, otherwise, [PreviewStylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) is raised instead. |
| Public event | [PreviewStylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSOUTOFRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus is too far from the digitizer to be detected. |
| Public event | [PreviewStylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSSYSTEMGESTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a user performs one of several stylus gestures. |
| Public event | [PreviewStylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the user raises the stylus off the digitizer while the stylus is over this element. |
| Public event | [PreviewTextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTEXTINPUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element gets text in a device-independent manner. |
| Public event | [PreviewTouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a finger touches the screen while the finger is over this element. |
| Public event | [PreviewTouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a finger moves on the screen while the finger is over this element. |
| Public event | [PreviewTouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a finger is raised off of the screen while the finger is over this element. |
| Public event | [QueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.QUERYCONTINUEDRAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when there is a change in the keyboard or mouse button state during a drag-and-drop operation. |
| Public event | [QueryCursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.QUERYCURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the cursor is requested to display. This event is raised on an element each time that the mouse pointer moves to a new location, which means the cursor object might need to be changed based on its new position. |
| Public event | [StylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus button is pressed while the pointer is over this element. |
| Public event | [StylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus button is released while the pointer is over this element. |
| Public event | [StylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus touches the digitizer while the stylus is over this element. |
| Public event | [StylusEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus enters the bounds of this element. |
| Public event | [StylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus moves over an element without actually touching the digitizer. |
| Public event | [StylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSINRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus is close enough to the digitizer to be detected, while over this element. |
| Public event | [StylusLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus leaves the bounds of the element. |
| Public event | [StylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus moves over this element. The stylus must move while on the digitizer to raise this event. Otherwise, [StylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) is raised instead. |
| Public event | [StylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSOUTOFRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the stylus is too far from the digitizer to be detected, while over this element. |
| Public event | [StylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSSYSTEMGESTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a user performs one of several stylus gestures. |
| Public event | [StylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the user raises the stylus off the digitizer while it is over this element. |
| Public event | [TextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TEXTINPUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this element gets text in a device-independent manner. |
| Public event | [TouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a finger touches the screen while the finger is over this element. |
| Public event | [TouchEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a touch moves from outside to inside the bounds of this element. |
| Public event | [TouchLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a touch moves from inside to outside the bounds of this element. |
| Public event | [TouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a finger moves on the screen while the finger is over this element. |
| Public event | [TouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a finger is raised off of the screen while the finger is over this element. |
| Public fieldStatic member | [AllowDropProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ALLOWDROPPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [AllowDrop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ALLOWDROP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [AreAnyTouchesCapturedProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESCAPTUREDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [AreAnyTouchesCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESCAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [AreAnyTouchesCapturedWithinProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESCAPTUREDWITHINPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [AreAnyTouchesCapturedWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESCAPTUREDWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [AreAnyTouchesDirectlyOverProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESDIRECTLYOVERPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [AreAnyTouchesDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [AreAnyTouchesOverProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESOVERPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [AreAnyTouchesOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.AREANYTOUCHESOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [BitmapEffectInputProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.BITMAPEFFECTINPUTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [BitmapEffectInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.BITMAPEFFECTINPUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [BitmapEffectProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.BITMAPEFFECTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [BitmapEffect](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.BITMAPEFFECT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [CacheModeProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.CACHEMODEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [CacheMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.CACHEMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ClipProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.CLIPPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Clip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.CLIP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ClipToBoundsProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.CLIPTOBOUNDSPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ClipToBounds](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.CLIPTOBOUNDS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [DragEnterEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.DRAGENTEREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [DragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DRAGENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [DragLeaveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.DRAGLEAVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [DragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DRAGLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [DragOverEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.DRAGOVEREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [DragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DRAGOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [DropEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.DROPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Drop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.DROP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [EffectProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.EFFECTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Effect](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.EFFECT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FocusableProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.FOCUSABLEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Focusable](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.FOCUSABLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [GiveFeedbackEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.GIVEFEEDBACKEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [GiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GIVEFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [GotFocusEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.GOTFOCUSEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [GotFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [GotKeyboardFocusEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.GOTKEYBOARDFOCUSEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [GotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [GotMouseCaptureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.GOTMOUSECAPTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [GotMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [GotStylusCaptureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.GOTSTYLUSCAPTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [GotStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTSTYLUSCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [GotTouchCaptureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.GOTTOUCHCAPTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [GotTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTTOUCHCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [IsEnabledProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLEDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsFocusedProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISFOCUSEDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsFocused](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISFOCUSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsHitTestVisibleProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISHITTESTVISIBLEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsHitTestVisible](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISHITTESTVISIBLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsKeyboardFocusedProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSEDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsKeyboardFocused](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsKeyboardFocusWithinProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSWITHINPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsKeyboardFocusWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISKEYBOARDFOCUSWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsManipulationEnabledProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISMANIPULATIONENABLEDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsManipulationEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMANIPULATIONENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsMouseCapturedProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsMouseCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsMouseCaptureWithinProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREWITHINPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsMouseCaptureWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSECAPTUREWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsMouseDirectlyOverProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEDIRECTLYOVERPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsMouseDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsMouseOverProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEOVERPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsMouseOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISMOUSEOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsStylusCapturedProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsStylusCaptured](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTURED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsStylusCaptureWithinProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREWITHINPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsStylusCaptureWithin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSCAPTUREWITHIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsStylusDirectlyOverProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSDIRECTLYOVERPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsStylusDirectlyOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSDIRECTLYOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsStylusOverProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSOVERPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsStylusOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISSTYLUSOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsVisibleProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.ISVISIBLEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsVisible](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISVISIBLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [KeyDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.KEYDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [KeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.KEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [KeyUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.KEYUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [KeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.KEYUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [LostFocusEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.LOSTFOCUSEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [LostFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [LostKeyboardFocusEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.LOSTKEYBOARDFOCUSEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [LostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [LostMouseCaptureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.LOSTMOUSECAPTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [LostMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [LostStylusCaptureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.LOSTSTYLUSCAPTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [LostStylusCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTSTYLUSCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [LostTouchCaptureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.LOSTTOUCHCAPTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [LostTouchCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTTOUCHCAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ManipulationBoundaryFeedbackEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONBOUNDARYFEEDBACKEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ManipulationBoundaryFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONBOUNDARYFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event. |
| Public fieldStatic member | [ManipulationCompletedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONCOMPLETEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ManipulationCompleted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONCOMPLETED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ManipulationDeltaEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONDELTAEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ManipulationDelta](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONDELTA&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ManipulationInertiaStartingEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONINERTIASTARTINGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ManipulationInertiaStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONINERTIASTARTING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ManipulationStartedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ManipulationStarted](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ManipulationStartingEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTINGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ManipulationStarting](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MANIPULATIONSTARTING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseEnterEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEENTEREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseLeaveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEAVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseLeftButtonDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseLeftButtonUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseRightButtonDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseRightButtonUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSERIGHTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MouseWheelEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEWHEELEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEWHEEL&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [OpacityMaskProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.OPACITYMASKPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [OpacityMask](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.OPACITYMASK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [OpacityProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.OPACITYPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Opacity](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.OPACITY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [PreviewDragEnterEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGENTEREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewDragEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewDragLeaveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGLEAVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewDragLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewDragOverEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGOVEREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewDragOver](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDRAGOVER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewDropEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDROPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewDrop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWDROP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewGiveFeedbackEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWGIVEFEEDBACKEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewGiveFeedback](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWGIVEFEEDBACK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewGotKeyboardFocusEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWGOTKEYBOARDFOCUSEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewGotKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWGOTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewKeyDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWKEYDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWKEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewKeyUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWKEYUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewKeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWKEYUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewLostKeyboardFocusEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWLOSTKEYBOARDFOCUSEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewLostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWLOSTKEYBOARDFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseLeftButtonDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseLeftButtonUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSELEFTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseRightButtonDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseRightButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseRightButtonUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseRightButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSERIGHTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewMouseWheelEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEWHEELEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseWheel](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWMOUSEWHEEL&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewQueryContinueDragEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWQUERYCONTINUEDRAGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewQueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWQUERYCONTINUEDRAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusButtonDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSBUTTONDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusButtonUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSBUTTONUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusInAirMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSINAIRMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusInRangeEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSINRANGEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSINRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusOutOfRangeEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSOUTOFRANGEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSOUTOFRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusSystemGestureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSSYSTEMGESTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSSYSTEMGESTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewStylusUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewStylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWSTYLUSUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewTextInputEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTEXTINPUTEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewTextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTEXTINPUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewTouchDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewTouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewTouchMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewTouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PreviewTouchUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewTouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.PREVIEWTOUCHUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [QueryContinueDragEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.QUERYCONTINUEDRAGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [QueryContinueDrag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.QUERYCONTINUEDRAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [QueryCursorEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.QUERYCURSOREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [QueryCursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.QUERYCURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [RenderTransformOriginProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.RENDERTRANSFORMORIGINPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [RenderTransformOrigin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.RENDERTRANSFORMORIGIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [RenderTransformProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.RENDERTRANSFORMPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [RenderTransform](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.RENDERTRANSFORM&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [SnapsToDevicePixelsProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.SNAPSTODEVICEPIXELSPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [SnapsToDevicePixels](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.SNAPSTODEVICEPIXELS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [StylusButtonDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSBUTTONDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusButtonUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSBUTTONUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusEnterEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSENTEREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusInAirMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSINAIRMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusInAirMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSINAIRMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusInRangeEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSINRANGEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusInRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSINRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusLeaveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSLEAVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusOutOfRangeEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSOUTOFRANGEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusOutOfRange](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSOUTOFRANGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusSystemGestureEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSSYSTEMGESTUREEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusSystemGesture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSSYSTEMGESTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StylusUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [StylusUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.STYLUSUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [TextInputEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.TEXTINPUTEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [TextInput](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TEXTINPUT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [TouchDownEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHDOWNEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [TouchDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [TouchEnterEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHENTEREVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [TouchEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHENTER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [TouchLeaveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHLEAVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [TouchLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHLEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [TouchMoveEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHMOVEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [TouchMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [TouchUpEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHUPEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [TouchUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.TOUCHUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [UidProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.UIDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Uid](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.UID&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [VisibilityProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.UIELEMENT.VISIBILITYPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Visibility](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.VISIBILITY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |

System.Windows.FrameworkElement

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| Public property | [ActualHeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALHEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the rendered height of this element. |
| Public property | [ActualWidth](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALWIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the rendered width of this element. |
| Public property | [BindingGroup](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BINDINGGROUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the [BindingGroup](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.DATA.BINDINGGROUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) that is used for the element. |
| Public property | [ContextMenu](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENU&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the context menu element that should appear whenever the context menu is requested through user interface (UI) from within this element. |
| Public property | [Cursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the cursor that displays when the mouse pointer is over this element. |
| Public property | [DataContext](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.DATACONTEXT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the data context for an element when it participates in data binding. |
| Protected property | [DefaultStyleKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.DEFAULTSTYLEKEY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the key to use to reference the style for this control, when theme styles are used or defined. |
| Public property | [FlowDirection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FLOWDIRECTION&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the direction that text and other user interface (UI) elements flow within any parent element that controls their layout. |
| Public property | [FocusVisualStyle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FOCUSVISUALSTYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a property that enables customization of appearance, effects, or other style characteristics that will apply to this element when it captures keyboard focus. |
| Public property | [ForceCursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FORCECURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that indicates whether this **FrameworkElement** should force the user interface (UI) to render the cursor as declared by the [Cursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property. |
| Public property | [Height](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.HEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the suggested height of the element. |
| Public property | [HorizontalAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.HORIZONTALALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the horizontal alignment characteristics applied to this element when it is composed within a parent element, such as a panel or items control. |
| Protected property | [InheritanceBehavior](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.INHERITANCEBEHAVIOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the scope limits for property value inheritance, resource key lookup, and RelativeSource FindAncestor lookup. |
| Public property | [InputScope](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.INPUTSCOPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the context for input used by this **FrameworkElement**. |
| Public property | [IsInitialized](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ISINITIALIZED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether this element has been initialized, either during processing by a XAML processor, or by explicitly having its [EndInit](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ENDINIT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) method called. |
| Public property | [IsLoaded](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ISLOADED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether this element has been loaded for presentation. |
| Public property | [Language](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LANGUAGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets localization/globalization language information that applies to an element. |
| Public property | [LayoutTransform](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LAYOUTTRANSFORM&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a graphics transformation that should apply to this element when layout is performed. |
| Protected property | [LogicalChildren](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LOGICALCHILDREN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets an enumerator for logical child elements of this element. |
| Public property | [Margin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MARGIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the outer margin of an element. |
| Public property | [MaxHeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MAXHEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the maximum height constraint of the element. |
| Public property | [MaxWidth](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MAXWIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the maximum width constraint of the element. |
| Public property | [MinHeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MINHEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the minimum height constraint of the element. |
| Public property | [MinWidth](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MINWIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the minimum width constraint of the element. |
| Public property | [Name](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.NAME&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the identifying name of the element. The name provides a reference so that code-behind, such as event handler code, can refer to a markup element after it is constructed during processing by a XAML processor. |
| Public property | [OverridesDefaultStyle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.OVERRIDESDEFAULTSTYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that indicates whether this element incorporates style properties from theme styles. |
| Public property | [Parent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.PARENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the logical parent element of this element. |
| Public property | [Resources](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.RESOURCES&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the locally-defined resource dictionary. |
| Public property | [Style](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.STYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the style used by this element when it is rendered. |
| Public property | [Tag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets an arbitrary object value that can be used to store custom information about this element. |
| Public property | [TemplatedParent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TEMPLATEDPARENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a reference to the template parent of this element. This property is not relevant if the element was not created through a template. |
| Public property | [ToolTip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the tool-tip object that is displayed for this element in the user interface (UI). |
| Public property | [Triggers](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TRIGGERS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the collection of triggers established directly on this element, or in child elements. |
| Public property | [UseLayoutRounding](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.USELAYOUTROUNDING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that indicates whether layout rounding should be applied to this element's size and position during layout. |
| Public property | [VerticalAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.VERTICALALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the vertical alignment characteristics applied to this element when it is composed within a parent element such as a panel or items control. |
| Protected property | [VisualChildrenCount](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.VISUALCHILDRENCOUNT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the number of visual child elements within this element. (Overrides [Visual.VisualChildrenCount](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.MEDIA.VISUAL.VISUALCHILDRENCOUNT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public property | [Width](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.WIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the width of the element. |
| Protected method | [AddLogicalChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ADDLOGICALCHILD(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Adds the provided object to the logical tree of this element. |
| Public method | [ApplyTemplate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.APPLYTEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Builds the current template's visual tree if necessary, and returns a value that indicates whether the visual tree was rebuilt by this call. |
| Protected method | [ArrangeCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ARRANGECORE(SYSTEM.WINDOWS.RECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Implements [ArrangeCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ARRANGECORE(SYSTEM.WINDOWS.RECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) (defined as virtual in [UIElement](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.UIELEMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS)) and seals the implementation. (Overrides [UIElement.ArrangeCore(Rect)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ARRANGECORE(SYSTEM.WINDOWS.RECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [ArrangeOverride](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ARRANGEOVERRIDE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, positions child elements and determines a size for a FrameworkElement derived class. |
| Public method | [BeginInit](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BEGININIT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Starts the initialization process for this element. |
| Public method | [BeginStoryboard(Storyboard)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BEGINSTORYBOARD(SYSTEM.WINDOWS.MEDIA.ANIMATION.STORYBOARD)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Begins the sequence of actions that are contained in the provided storyboard. |
| Public method | [BeginStoryboard(Storyboard, HandoffBehavior)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BEGINSTORYBOARD(SYSTEM.WINDOWS.MEDIA.ANIMATION.STORYBOARD%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.HANDOFFBEHAVIOR)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Begins the sequence of actions contained in the provided storyboard, with options specified for what should happen if the property is already animated. |
| Public method | [BeginStoryboard(Storyboard, HandoffBehavior, Boolean)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BEGINSTORYBOARD(SYSTEM.WINDOWS.MEDIA.ANIMATION.STORYBOARD%2CSYSTEM.WINDOWS.MEDIA.ANIMATION.HANDOFFBEHAVIOR%2CSYSTEM.BOOLEAN)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Begins the sequence of actions contained in the provided storyboard, with specified state for control of the animation after it is started. |
| Public method | [BringIntoView()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BRINGINTOVIEW&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to bring this element into view, within any scrollable regions it is contained within. |
| Public method | [BringIntoView(Rect)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BRINGINTOVIEW(SYSTEM.WINDOWS.RECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attempts to bring the provided region size of this element into view, within any scrollable regions it is contained within. |
| Public method | [EndInit](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ENDINIT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Indicates that the initialization process for the element is complete. |
| Public method | [FindName](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FINDNAME(SYSTEM.STRING)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Finds an element that has the provided identifier name. |
| Public method | [FindResource](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FINDRESOURCE(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Searches for a resource with the specified key, and throws an exception if the requested resource is not found. |
| Public method | [GetBindingExpression](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.GETBINDINGEXPRESSION(SYSTEM.WINDOWS.DEPENDENCYPROPERTY)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the [BindingExpression](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.DATA.BINDINGEXPRESSION&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) that represents the binding on the specified property. |
| Public methodStatic member | [GetFlowDirection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.GETFLOWDIRECTION(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the value of the [FlowDirection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FLOWDIRECTION&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached property for the specified [DependencyObject](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). |
| Protected method | [GetLayoutClip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.GETLAYOUTCLIP(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns a geometry for a clipping mask. The mask applies if the layout system attempts to arrange an element that is larger than the available display space. (Overrides [UIElement.GetLayoutClip(Size)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.GETLAYOUTCLIP(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [GetTemplateChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.GETTEMPLATECHILD(SYSTEM.STRING)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the named element in the visual tree of an instantiated [ControlTemplate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.CONTROLS.CONTROLTEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). |
| Protected method | [GetUIParentCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.GETUIPARENTCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns an alternative logical parent for this element if there is no visual parent. (Overrides [UIElement.GetUIParentCore()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.GETUIPARENTCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [GetVisualChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.GETVISUALCHILD(SYSTEM.INT32)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Overrides [Visual.GetVisualChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.GETVISUALCHILD(SYSTEM.INT32)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) , and returns a child at the specified index from a collection of child elements. (Overrides [Visual.GetVisualChild(Int32)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.MEDIA.VISUAL.GETVISUALCHILD(SYSTEM.INT32)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [MeasureCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MEASURECORE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Implements basic measure-pass layout system behavior for FrameworkElement. (Overrides [UIElement.MeasureCore(Size)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.MEASURECORE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [MeasureOverride](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MEASUREOVERRIDE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, measures the size in layout required for child elements and determines a size for the FrameworkElement-derived class. |
| Public method | [MoveFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MOVEFOCUS(SYSTEM.WINDOWS.INPUT.TRAVERSALREQUEST)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Moves the keyboard focus away from this element and to another element in a provided traversal direction. (Overrides [UIElement.MoveFocus(TraversalRequest)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.MOVEFOCUS(SYSTEM.WINDOWS.INPUT.TRAVERSALREQUEST)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public method | [OnApplyTemplate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONAPPLYTEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | When overridden in a derived class, is invoked whenever application code or internal processes call [ApplyTemplate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.APPLYTEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). |
| Protected method | [OnContextMenuClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONCONTEXTMENUCLOSING(SYSTEM.WINDOWS.CONTROLS.CONTEXTMENUEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked whenever an unhandled [ContextMenuClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUCLOSING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches this class in its route. Implement this method to add class handling for this event. |
| Protected method | [OnContextMenuOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONCONTEXTMENUOPENING(SYSTEM.WINDOWS.CONTROLS.CONTEXTMENUEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked whenever an unhandled [ContextMenuOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUOPENING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches this class in its route. Implement this method to add class handling for this event. |
| Protected method | [OnGotFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONGOTFOCUS(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked whenever an unhandled [GotFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.GOTFOCUS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event reaches this element in its route. (Overrides [UIElement.OnGotFocus(RoutedEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONGOTFOCUS(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnInitialized](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONINITIALIZED(SYSTEM.EVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises the [Initialized](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.INITIALIZED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event. This method is invoked whenever [IsInitialized](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ISINITIALIZED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) is set to true internally. |
| Protected method | [OnPropertyChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONPROPERTYCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked whenever the effective value of any dependency property on this FrameworkElement has been updated. The specific dependency property that changed is reported in the arguments parameter. Overrides [OnPropertyChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.ONPROPERTYCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). (Overrides [DependencyObject.OnPropertyChanged(DependencyPropertyChangedEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.DEPENDENCYOBJECT.ONPROPERTYCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnRenderSizeChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONRENDERSIZECHANGED(SYSTEM.WINDOWS.SIZECHANGEDINFO)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises the [SizeChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SIZECHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event, using the specified information as part of the eventual event data. (Overrides [UIElement.OnRenderSizeChanged(SizeChangedInfo)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONRENDERSIZECHANGED(SYSTEM.WINDOWS.SIZECHANGEDINFO)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnStyleChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONSTYLECHANGED(SYSTEM.WINDOWS.STYLE%2CSYSTEM.WINDOWS.STYLE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when the style in use on this element changes, which will invalidate the layout. |
| Protected method | [OnToolTipClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONTOOLTIPCLOSING(SYSTEM.WINDOWS.CONTROLS.TOOLTIPEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked whenever an unhandled [ToolTipClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPCLOSING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches this class in its route. Implement this method to add class handling for this event. |
| Protected method | [OnToolTipOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONTOOLTIPOPENING(SYSTEM.WINDOWS.CONTROLS.TOOLTIPEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked whenever the [ToolTipOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPOPENING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event reaches this class in its route. Implement this method to add class handling for this event. |
| Protected method | [OnVisualParentChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONVISUALPARENTCHANGED(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Invoked when the parent of this element in the visual tree is changed. Overrides [OnVisualParentChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONVISUALPARENTCHANGED(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS). (Overrides [UIElement.OnVisualParentChanged(DependencyObject)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONVISUALPARENTCHANGED(SYSTEM.WINDOWS.DEPENDENCYOBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [ParentLayoutInvalidated](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.PARENTLAYOUTINVALIDATED(SYSTEM.WINDOWS.UIELEMENT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Supports incremental layout implementations in specialized subclasses of FrameworkElement. [ParentLayoutInvalidated](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.PARENTLAYOUTINVALIDATED(SYSTEM.WINDOWS.UIELEMENT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) is invoked when a child element has invalidated a property that is marked in metadata as affecting the parent's measure or arrange passes during layout. |
| Public method | [PredictFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.PREDICTFOCUS(SYSTEM.WINDOWS.INPUT.FOCUSNAVIGATIONDIRECTION)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines the next element that would receive focus relative to this element for a provided focus movement direction, but does not actually move the focus. (Overrides [UIElement.PredictFocus(FocusNavigationDirection)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.PREDICTFOCUS(SYSTEM.WINDOWS.INPUT.FOCUSNAVIGATIONDIRECTION)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public method | [RegisterName](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.REGISTERNAME(SYSTEM.STRING%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides an accessor that simplifies access to the [NameScope](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.NAMESCOPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) registration method. |
| Protected method | [RemoveLogicalChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.REMOVELOGICALCHILD(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Removes the provided object from this element's logical tree. FrameworkElement updates the affected logical tree parent pointers to keep in sync with this deletion. |
| Public method | [SetBinding(DependencyProperty, String)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SETBINDING(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.STRING)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attaches a binding to this element, based on the provided source property name as a path qualification to the data source. |
| Public method | [SetBinding(DependencyProperty, BindingBase)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SETBINDING(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.WINDOWS.DATA.BINDINGBASE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Attaches a binding to this element, based on the provided binding object. |
| Public methodStatic member | [SetFlowDirection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SETFLOWDIRECTION(SYSTEM.WINDOWS.DEPENDENCYOBJECT%2CSYSTEM.WINDOWS.FLOWDIRECTION)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Sets the value of the [FlowDirection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FLOWDIRECTION&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) attached property for the provided element. |
| Public method | [SetResourceReference](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SETRESOURCEREFERENCE(SYSTEM.WINDOWS.DEPENDENCYPROPERTY%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Searches for a resource with the specified name and sets up a resource reference to it for the specified property. |
| Public method | [ShouldSerializeResources](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SHOULDSERIALIZERESOURCES&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns whether serialization processes should serialize the contents of the [Resources](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.RESOURCES&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property. |
| Public method | [ShouldSerializeStyle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SHOULDSERIALIZESTYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns whether serialization processes should serialize the contents of the [Style](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.STYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property. |
| Public method | [ShouldSerializeTriggers](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SHOULDSERIALIZETRIGGERS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns whether serialization processes should serialize the contents of the [Triggers](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TRIGGERS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property. |
| Public method | [TryFindResource](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TRYFINDRESOURCE(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Searches for a resource with the specified key, and returns that resource if found. |
| Public method | [UnregisterName](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.UNREGISTERNAME(SYSTEM.STRING)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Simplifies access to the [NameScope](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.NAMESCOPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) de-registration method. |
| Public event | [ContextMenuClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUCLOSING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs just before any context menu on the element is closed. |
| Public event | [ContextMenuOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUOPENING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when any context menu on the element is opened. |
| Public event | [DataContextChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.DATACONTEXTCHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the data context for this element changes. |
| Public event | [Initialized](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.INITIALIZED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when this FrameworkElement is initialized. This event coincides with cases where the value of the [IsInitialized](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ISINITIALIZED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes from false (or undefined) to true. |
| Public event | [Loaded](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LOADED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the element is laid out, rendered, and ready for interaction. |
| Public event | [RequestBringIntoView](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.REQUESTBRINGINTOVIEW&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when [BringIntoView](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=OVERLOAD%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BRINGINTOVIEW&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) is called on this element. |
| Public event | [SizeChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SIZECHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when either the [ActualHeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALHEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) or the [ActualWidth](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALWIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) properties change value on this element. |
| Public event | [SourceUpdated](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SOURCEUPDATED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the source value changes for any existing property binding on this element. |
| Public event | [TargetUpdated](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TARGETUPDATED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the target value changes for any property binding on this element. |
| Public event | [ToolTipClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPCLOSING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs just before any tooltip on the element is closed. |
| Public event | [ToolTipOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPOPENING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when any tooltip on the element is opened. |
| Public event | [Unloaded](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.UNLOADED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the element is removed from within an element tree of loaded elements. |
| Public fieldStatic member | [ActualHeightProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALHEIGHTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ActualHeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALHEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ActualWidthProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALWIDTHPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ActualWidth](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ACTUALWIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [BindingGroupProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BINDINGGROUPPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [BindingGroup](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.BINDINGGROUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ContextMenuClosingEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUCLOSINGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ContextMenuClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUCLOSING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ContextMenuOpeningEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUOPENINGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ContextMenuOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUOPENING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ContextMenuProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENUPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ContextMenu](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CONTEXTMENU&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [CursorProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CURSORPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Cursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.CURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [DataContextProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.DATACONTEXTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [DataContext](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.DATACONTEXT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Protected fieldStatic member | [DefaultStyleKeyProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.DEFAULTSTYLEKEYPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [DefaultStyleKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.DEFAULTSTYLEKEY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FlowDirectionProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FLOWDIRECTIONPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [FlowDirection](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FLOWDIRECTION&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FocusVisualStyleProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FOCUSVISUALSTYLEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [FocusVisualStyle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FOCUSVISUALSTYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ForceCursorProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FORCECURSORPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ForceCursor](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.FORCECURSOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [HeightProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.HEIGHTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Height](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.HEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [HorizontalAlignmentProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.HORIZONTALALIGNMENTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [HorizontalAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.HORIZONTALALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [InputScopeProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.INPUTSCOPEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [InputScope](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.INPUTSCOPE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [LanguageProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LANGUAGEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Language](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LANGUAGE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [LayoutTransformProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LAYOUTTRANSFORMPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [LayoutTransform](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LAYOUTTRANSFORM&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [LoadedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LOADEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Loaded](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LOADED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [MarginProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MARGINPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Margin](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MARGIN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [MaxHeightProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MAXHEIGHTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MaxHeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MAXHEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [MaxWidthProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MAXWIDTHPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MaxWidth](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MAXWIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [MinHeightProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MINHEIGHTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MinHeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MINHEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [MinWidthProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MINWIDTHPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MinWidth](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MINWIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [NameProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.NAMEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Name](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.NAME&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [OverridesDefaultStyleProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.OVERRIDESDEFAULTSTYLEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [OverridesDefaultStyle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.OVERRIDESDEFAULTSTYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [RequestBringIntoViewEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.REQUESTBRINGINTOVIEWEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [RequestBringIntoView](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.REQUESTBRINGINTOVIEW&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [SizeChangedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SIZECHANGEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [SizeChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.SIZECHANGED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [StyleProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.STYLEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Style](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.STYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [TagProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TAGPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Tag](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TAG&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ToolTipClosingEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPCLOSINGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ToolTipClosing](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPCLOSING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ToolTipOpeningEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPOPENINGEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ToolTipOpening](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPOPENING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ToolTipProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIPPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ToolTip](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.TOOLTIP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [UnloadedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.UNLOADEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Unloaded](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.UNLOADED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [UseLayoutRoundingProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.USELAYOUTROUNDINGPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [UseLayoutRounding](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.USELAYOUTROUNDING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [VerticalAlignmentProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.VERTICALALIGNMENTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [VerticalAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.VERTICALALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [WidthProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.WIDTHPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Width](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.WIDTH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |

System.Windows.Controls.Control

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| --- | --- | --- |
| Public property | [Background](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BACKGROUND&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a brush that describes the background of a control. |
| Public property | [BorderBrush](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BORDERBRUSH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a brush that describes the border background of a control. |
| Public property | [BorderThickness](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BORDERTHICKNESS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the border thickness of a control. |
| Public property | [FontFamily](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTFAMILY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the font family of the control. |
| Public property | [FontSize](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSIZE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the font size. |
| Public property | [FontStretch](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSTRETCH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the degree to which a font is condensed or expanded on the screen. |
| Public property | [FontStyle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSTYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the font style. |
| Public property | [FontWeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTWEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the weight or thickness of the specified font. |
| Public property | [Foreground](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FOREGROUND&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a brush that describes the foreground color. |
| Protected property | [HandlesScrolling](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.HANDLESSCROLLING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether a control supports scrolling. |
| Public property | [HorizontalContentAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.HORIZONTALCONTENTALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the horizontal alignment of the control's content. |
| Public property | [IsTabStop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.ISTABSTOP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that indicates whether a control is included in tab navigation. |
| Public property | [Padding](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.PADDING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the padding inside a control. |
| Public property | [TabIndex](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TABINDEX&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a value that determines the order in which elements receive focus when the user navigates through controls by using the TAB key. |
| Public property | [Template](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a control template. |
| Public property | [VerticalContentAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.VERTICALCONTENTALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the vertical alignment of the control's content. |
| Protected method | [ArrangeOverride](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.ARRANGEOVERRIDE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called to arrange and size the content of a Control object. (Overrides [FrameworkElement.ArrangeOverride(Size)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ARRANGEOVERRIDE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [MeasureOverride](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.MEASUREOVERRIDE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called to remeasure a control. (Overrides [FrameworkElement.MeasureOverride(Size)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.MEASUREOVERRIDE(SYSTEM.WINDOWS.SIZE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnMouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.ONMOUSEDOUBLECLICK(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises the [MouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.MOUSEDOUBLECLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Protected method | [OnPreviewMouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.ONPREVIEWMOUSEDOUBLECLICK(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises the [PreviewMouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.PREVIEWMOUSEDOUBLECLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Protected method | [OnTemplateChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.ONTEMPLATECHANGED(SYSTEM.WINDOWS.CONTROLS.CONTROLTEMPLATE%2CSYSTEM.WINDOWS.CONTROLS.CONTROLTEMPLATE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called whenever the control's template changes. |
| Public method | [ToString](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TOSTRING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the string representation of a Control object. (Overrides [Object.ToString()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.OBJECT.TOSTRING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public event | [MouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.MOUSEDOUBLECLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a mouse button is clicked two or more times. |
| Public event | [PreviewMouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.PREVIEWMOUSEDOUBLECLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a user clicks the mouse button two or more times. |
| Public fieldStatic member | [BackgroundProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BACKGROUNDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Background](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BACKGROUND&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [BorderBrushProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BORDERBRUSHPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [BorderBrush](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BORDERBRUSH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [BorderThicknessProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BORDERTHICKNESSPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [BorderThickness](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.BORDERTHICKNESS&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FontFamilyProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTFAMILYPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [FontFamily](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTFAMILY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FontSizeProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSIZEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [FontSize](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSIZE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FontStretchProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSTRETCHPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [FontStretch](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSTRETCH&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FontStyleProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSTYLEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [FontStyle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTSTYLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [FontWeightProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTWEIGHTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [FontWeight](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FONTWEIGHT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ForegroundProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FOREGROUNDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Foreground](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.FOREGROUND&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [HorizontalContentAlignmentProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.HORIZONTALCONTENTALIGNMENTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [HorizontalContentAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.HORIZONTALCONTENTALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsTabStopProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.ISTABSTOPPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsTabStop](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.ISTABSTOP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [MouseDoubleClickEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.MOUSEDOUBLECLICKEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [MouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.MOUSEDOUBLECLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [PaddingProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.PADDINGPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Padding](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.PADDING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [PreviewMouseDoubleClickEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.PREVIEWMOUSEDOUBLECLICKEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [PreviewMouseDoubleClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.PREVIEWMOUSEDOUBLECLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [TabIndexProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TABINDEXPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [TabIndex](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TABINDEX&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [TemplateProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TEMPLATEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Template](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [VerticalContentAlignmentProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.VERTICALCONTENTALIGNMENTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [VerticalContentAlignment](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.VERTICALCONTENTALIGNMENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |

System.Windows.Controls.ContentControl

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| --- | --- | --- |
| Public property | [Content](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the content of a **ContentControl**. |
| Public property | [ContentStringFormat](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTSTRINGFORMAT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a composite string that specifies how to format the [Content](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property if it is displayed as a string. |
| Public property | [ContentTemplate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the data template used to display the content of the **ContentControl**. |
| Public property | [ContentTemplateSelector](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATESELECTOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets a template selector that enables an application writer to provide custom template-selection logic. |
| Public property | [HasContent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.HASCONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether the **ContentControl** contains content. |
| Protected property | [LogicalChildren](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.LOGICALCHILDREN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets an enumerator to the content control's logical child elements. (Overrides [FrameworkElement.LogicalChildren](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.LOGICALCHILDREN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [AddChild](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.ADDCHILD(SYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Adds a specified object as the child of a ContentControl. |
| Protected method | [AddText](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.ADDTEXT(SYSTEM.STRING)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Adds a specified text string to a ContentControl. |
| Protected method | [OnContentChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.ONCONTENTCHANGED(SYSTEM.OBJECT%2CSYSTEM.OBJECT)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [Content](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes. |
| Protected method | [OnContentStringFormatChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.ONCONTENTSTRINGFORMATCHANGED(SYSTEM.STRING%2CSYSTEM.STRING)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the [ContentStringFormat](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTSTRINGFORMAT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes. |
| Protected method | [OnContentTemplateChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.ONCONTENTTEMPLATECHANGED(SYSTEM.WINDOWS.DATATEMPLATE%2CSYSTEM.WINDOWS.DATATEMPLATE)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [ContentTemplate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes. |
| Protected method | [OnContentTemplateSelectorChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.ONCONTENTTEMPLATESELECTORCHANGED(SYSTEM.WINDOWS.CONTROLS.DATATEMPLATESELECTOR%2CSYSTEM.WINDOWS.CONTROLS.DATATEMPLATESELECTOR)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [ContentTemplateSelector](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATESELECTOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes. |
| Public method | [ShouldSerializeContent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.SHOULDSERIALIZECONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Indicates whether the [Content](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property should be persisted. |
| Public fieldStatic member | [ContentProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Content](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ContentStringFormatProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTSTRINGFORMATPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ContentStringFormat](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTSTRINGFORMAT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ContentTemplateProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ContentTemplate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [ContentTemplateSelectorProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATESELECTORPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ContentTemplateSelector](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.CONTENTTEMPLATESELECTOR&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [HasContentProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.HASCONTENTPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [HasContent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.CONTENTCONTROL.HASCONTENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |

System.Windows.Controls.Primitives.ButtonBase

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| --- | --- | --- |
| Public property | [ClickMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICKMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets when the [Click](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event occurs. |
| Public property | [Command](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMAND&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the command to invoke when this button is pressed. |
| Public property | [CommandParameter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMANDPARAMETER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the parameter to pass to the [Command](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMAND&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property. |
| Public property | [CommandTarget](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMANDTARGET&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets the element on which to raise the specified command. |
| Protected property | [IsEnabledCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ISENABLEDCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets the value of the [IsEnabled](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTENTELEMENT.ISENABLED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property. (Overrides [UIElement.IsEnabledCore](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.UIELEMENT.ISENABLEDCORE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public property | [IsPressed](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ISPRESSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets a value that indicates whether a **ButtonBase** is currently activated. |
| Protected method | [OnAccessKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONACCESSKEY(SYSTEM.WINDOWS.INPUT.ACCESSKEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Responds when the [AccessKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.ACCESSTEXT.ACCESSKEY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) for this control is called. (Overrides [UIElement.OnAccessKey(AccessKeyEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONACCESSKEY(SYSTEM.WINDOWS.INPUT.ACCESSKEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONCLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Raises the [Click](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Protected method | [OnIsPressedChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONISPRESSEDCHANGED(SYSTEM.WINDOWS.DEPENDENCYPROPERTYCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the [IsPressed](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ISPRESSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) property changes. |
| Protected method | [OnKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONKEYDOWN(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [KeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.KEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the user presses a key while this control has focus. (Overrides [UIElement.OnKeyDown(KeyEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONKEYDOWN(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnKeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONKEYUP(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [KeyUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.KEYUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the user releases a key while this control has focus. (Overrides [UIElement.OnKeyUp(KeyEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONKEYUP(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnLostKeyboardFocus](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONLOSTKEYBOARDFOCUS(SYSTEM.WINDOWS.INPUT.KEYBOARDFOCUSCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when an element loses keyboard focus. (Overrides [UIElement.OnLostKeyboardFocus(KeyboardFocusChangedEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONLOSTKEYBOARDFOCUS(SYSTEM.WINDOWS.INPUT.KEYBOARDFOCUSCHANGEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnLostMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONLOSTMOUSECAPTURE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [LostMouseCapture](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.LOSTMOUSECAPTURE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when this control is no longer receiving mouse event messages. (Overrides [UIElement.OnLostMouseCapture(MouseEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONLOSTMOUSECAPTURE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnMouseEnter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONMOUSEENTER(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [ClickMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICKMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the mouse enters this control. (Overrides [UIElement.OnMouseEnter(MouseEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSEENTER(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnMouseLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONMOUSELEAVE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [MouseLeave](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEAVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the mouse leaves an element. (Overrides [UIElement.OnMouseLeave(MouseEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSELEAVE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnMouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONMOUSELEFTBUTTONDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [MouseLeftButtonDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the left mouse button is pressed while the mouse pointer is over this control. (Overrides [UIElement.OnMouseLeftButtonDown(MouseButtonEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSELEFTBUTTONDOWN(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnMouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONMOUSELEFTBUTTONUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [MouseLeftButtonUp](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSELEFTBUTTONUP&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the left mouse button is released while the mouse pointer is over this control. (Overrides [UIElement.OnMouseLeftButtonUp(MouseButtonEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSELEFTBUTTONUP(SYSTEM.WINDOWS.INPUT.MOUSEBUTTONEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnMouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONMOUSEMOVE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides class handling for the [MouseMove](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.MOUSEMOVE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event that occurs when the mouse pointer moves while over this element. (Overrides [UIElement.OnMouseMove(MouseEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONMOUSEMOVE(SYSTEM.WINDOWS.INPUT.MOUSEEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnRenderSizeChanged](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONRENDERSIZECHANGED(SYSTEM.WINDOWS.SIZECHANGEDINFO)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the rendered size of a control changes. (Overrides [FrameworkElement.OnRenderSizeChanged(SizeChangedInfo)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.FRAMEWORKELEMENT.ONRENDERSIZECHANGED(SYSTEM.WINDOWS.SIZECHANGEDINFO)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public event | [Click](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a [Button](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.CONTROLS.BUTTON&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) is clicked. |
| Public fieldStatic member | [ClickEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICKEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Click](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [ClickModeProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICKMODEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [ClickMode](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.CLICKMODE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [CommandParameterProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMANDPARAMETERPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [CommandParameter](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMANDPARAMETER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [CommandProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMANDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the routed [Command](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMAND&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [CommandTargetProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMANDTARGETPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [CommandTarget](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.COMMANDTARGET&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsPressedProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ISPRESSEDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsPressed](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ISPRESSED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |

System.Windows.Controls.Primitives.ToggleButton

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| Public property | [IsChecked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ISCHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Gets or sets whether the **ToggleButton** is checked. |
| Public property | [IsThreeState](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ISTHREESTATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Determines whether the control supports two or three states. |
| Protected method | [OnChecked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONCHECKED(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when a ToggleButton raises a [Checked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.CHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event. |
| Protected method | [OnClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONCLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when a control is clicked by the mouse or the keyboard. (Overrides [ButtonBase.OnClick()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONCLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnCreateAutomationPeer](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONCREATEAUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Provides an appropriate [ToggleButtonAutomationPeer](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.AUTOMATION.PEERS.TOGGLEBUTTONAUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) implementation for this control, as part of the WPF infrastructure. (Overrides [UIElement.OnCreateAutomationPeer()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.UIELEMENT.ONCREATEAUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnIndeterminate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONINDETERMINATE(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when a ToggleButton raises an [Indeterminate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.INDETERMINATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event. |
| Protected method | [OnToggle](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONTOGGLE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called by the [OnClick](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONCLICK&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) method to implement toggle behavior. |
| Protected method | [OnUnchecked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONUNCHECKED(SYSTEM.WINDOWS.ROUTEDEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when a ToggleButton raises an [Unchecked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.UNCHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event. |
| Public method | [ToString](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.TOSTRING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Returns the string representation of a ToggleButton object. (Overrides [Control.ToString()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CONTROL.TOSTRING&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Public event | [Checked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.CHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a ToggleButton is checked. |
| Public event | [Indeterminate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.INDETERMINATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when the state of a ToggleButton is neither on nor off. |
| Public event | [Unchecked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.UNCHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Occurs when a ToggleButton is unchecked. |
| Public fieldStatic member | [CheckedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.CHECKEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Checked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.CHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [IndeterminateEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.INDETERMINATEEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Indeterminate](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.INDETERMINATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |
| Public fieldStatic member | [IsCheckedProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ISCHECKEDPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsChecked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ISCHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [IsThreeStateProperty](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ISTHREESTATEPROPERTY&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [IsThreeState](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=P%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ISTHREESTATE&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) dependency property. |
| Public fieldStatic member | [UncheckedEvent](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=F%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.UNCHECKEDEVENT&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Identifies the [Unchecked](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.UNCHECKED&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) routed event. |

System.Windows.Controls.CheckBox

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| Protected method | [OnAccessKey](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CHECKBOX.ONACCESSKEY(SYSTEM.WINDOWS.INPUT.ACCESSKEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Called when the access key for a CheckBox is invoked. (Overrides [ButtonBase.OnAccessKey(AccessKeyEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONACCESSKEY(SYSTEM.WINDOWS.INPUT.ACCESSKEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnCreateAutomationPeer](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CHECKBOX.ONCREATEAUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Creates an [AutomationPeer](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=T%3ASYSTEM.WINDOWS.AUTOMATION.PEERS.AUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) for the CheckBox. (Overrides [ToggleButton.OnCreateAutomationPeer()](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.TOGGLEBUTTON.ONCREATEAUTOMATIONPEER&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |
| Protected method | [OnKeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.CHECKBOX.ONKEYDOWN(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) | Responds to a CheckBox [KeyDown](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=E%3ASYSTEM.WINDOWS.UIELEMENT.KEYDOWN&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS) event. (Overrides [ButtonBase.OnKeyDown(KeyEventArgs)](http://127.0.0.1:47873/help/1-3968/ms.help?method=page&id=M%3ASYSTEM.WINDOWS.CONTROLS.PRIMITIVES.BUTTONBASE.ONKEYDOWN(SYSTEM.WINDOWS.INPUT.KEYEVENTARGS)&product=VS&productVersion=100&topicVersion=100&locale=EN-US&topicLocale=EN-US&embedded=true&launchingApp=VS).) |