Legacy Controls NOTICE

This article references our legacy Web Forms Web Viewing controls (WebImageViewer, WebAnnotationViewer, WebThumbnailViewer). It is preserved for archival purposes, but support strongly recommends using our modern HTML5 web controls: WebDocumentViewer, WebDocumentThumbnailer instead.

INFO: WebDocumentViewer Whitepaper - Getting Started With Web Viewing

Main Article Content

atalaWebAnnotationViewer

Although this function is public, it is not intended for users to create WebAnnotationViewers on the client side directly. The server side generated HTML is needed for this function to initialize.

Properties

Server Name	JavaScript Syntax : Return value	Description
Annotations[index]	**getAnnotation**(index : **int**): **atalaAnnotation** **getAnnotation**(layerindex : **int**, index : **int**) : **atalaAnnotation**	Gets the **atalaAnnotation** object at the given layer and item indexes, respectively.
Annotations	**getAnnotations**() : **Array**	Returns an array of **atalaAnnotation** objects that are on every layer in this control.
N/A	**getAnnotationDataUrl**() : **string**	Returns the url used to store the cached data file.
AuthorMode	**getAuthorMode**() : **int**	Gets a value that indicates how many annotations can be created with the mouse.

		Returns an **int**: 0:Unlimited 1:Single
AutoLinkThumbnailViewer	**getAutoLinkThumbnailViewer**() : **bool**	Gets a value that indicates whether this control should automatically link events with the WebThumbnailViewer that is associated with this control
CurrentLayer	**getCurrentLayer**() : **atalaLayer** **setCurrentLayer**(value: **atalaLayer**) **setCurrentLayer**(value: **int**)	Gets or sets the current active layer in the control. This is primarily used to indicate which layer mouse events are handled on.
CurrentUserName	**getCurrentUserName**() : **string**	Returns a string that represents the current user name associated with this session. Note: This is not automatically populated, and as such, the CurrentUserName property must be set on the server side.
InteractMode	**getInteractMode**(): **int** **setInteractMode**(value : **int**)	Expected input: **int** from 0-2, 0:None 1:View 2:Edit
Annotations.Layers	**getLayers**() : **Array**	Returns an array of **atalaLayer** objects contained in this control.
N/A	**getSelectedAnnotations**() : **Array**	Returns an array of **atalaAnnotation** objects that have the Selected property set to true.

Inherited Properties from atalaWebImageViewer

Server Name	JavaScript Syntax : Return	Description

	value	
ClientID	**ID**() : **string**	Gets the server control identifier generated by ASP.NET.
N/A	**Form**() : **object**	Gets the form object that the Web server control is on.
AntialiasDisplay	**getAntialiasDisplay**() : **int** **setAntialiasDisplay**(value : **int**)	Gets or sets the quality of the scaled image. Expected input: **AntialiasDisplayMode** or **int** from 0-3, 0:None 1:ScaleToGray 2:ReductionOnly 3:Full
AutoZoom	**getAutoZoom**() : **int** **setAutoZoom**(value : **int**)	Gets or sets a value indicating how the image should be zoomed as the control is resized or the image size changes. This will override setZoom. For a one time zoom, see setZoomMode. Expected input: **AutoZoomMode** or **int** from 0-5, 0:None 1:BestFit 2:BestFitShrinkOnly 3:FitToWidth 4:FitToHeight 5:FitToImage
BackColor	**getBackColor**() : **string** **setBackColor**(value : **string**)	Gets or sets the background color of the Web server control. Expected input: **string** representing a hex value or exact color name: '#ACFF00'
BorderColor	**getBorderColor**() : **string** **setBorderColor**(value :	Gets or sets the border color of the Web server control.

	string)	Expected input: **string** representing a hex value or exact color name: '#ACFF00'
BorderStyle	**getBorderStyle**() : **string** **setBorderStyle**(value : **string**)	Gets or sets the border style used for this Web server control. Expected input: **string** representing Style: '1px solid #FF9900'
BorderWidth	**getBorderWidth**() : **int** **setBorderWidth**(value : **int**)	Gets or sets the border width of the Web server control in pixels.
BrowserFormat	**getBrowserFormat**() : **int**	Gets the format of the images created for browser output. Returns an **int**: 0:Jpeg 1:Png 2:Gif 3:Auto
CachePath	**getCachePath**() : **string**	Gets the file path used for the file cache as specified in the Web.config file.
Caption	**getCaption**() : **string** **setCaption**(value : **string**)	Gets or sets a **string** used for creating a caption under the Web server control. HTML syntax is allowed. **Note**: This property is tied to a hidden input tag, so changing this value to HTML in JavaScript could cause problems if the page needs to PostBack.
Centered	**getCentered**() : **bool** **setCentered**(value : **bool**)	Gets or sets a value indicating if the image is centered when the image is smaller than the Web server control.
N/A	**getDisplayImageUrl**() :	Gets a url that will return the

	string	current viewable portion of the image. Often used for printing the current area of the image.
Font	**getFont**() : **string** **setFont**(value : **string**)	Gets or sets the font name associated with the Web server control. Expected input: **string** representing font name: 'Verdana'
ForeColor	**getForeColor**() : **string** **setForeColor**(value : **string**)	Gets or sets the foreground color (typically the color of the text) of the Web server control. Expected input: **string** representing a hex value or exact color name: '#ACFF00'
N/A	**getFrameIndex**() : **int**	Gets the index value used to open the current image. **Note**: If the image has been modified with a server side ApplyCommand, or has been opened from a method other than OpenUrl or a linked WebThumbnailViewer, this will always return 0.
Height	**getHeight**() : **string** **setHeight**(value : **string**)	Gets or sets the CSS height style property of the server control. Expected input: **string** representing style height: '320px'
ImageDisplayOrder	**getImageDisplayOrder**() : **int**	Gets the order that tiles are loaded.

		Returns an **int**: 0:Sequential 1:VisibleFirst 2:OnDemand
Image.Size	**getImageSize**() : **atalaSize**	Gets the size, in pixels, of the current image.
N/A	**getImageUrl**() : **string**	Gets the currently loaded image url.
MouseTool	**getMouseToolLeft**() : **int** **getMouseToolRight**() : **int** **setMouseTool**(left: **int**, right: **int**)	Gets or sets the behavior of the mouse when interacting with the viewable area. Expected input: **MouseToolType** or **int** from 0-7, 0:None 1:Center 2:Selection 3:ZoomIn 4:ZoomOut 5:ZoomArea 6:Pan 7:PassThrough
MouseTool.Cursor	**getMouseToolCursor**() : **int** **setMouseToolCursor**(value : **int**)	Gets or sets the cursor used with the mouse tool. Expected input: **MouseToolCursor** or **int** from 0-8, 0:Auto 1:Arrow 2:Crosshair 3:Grab 4:Hand 5:Move 6:ZoomIn 7:ZoomOut 8:Custom **Note**: Currently, Grab is a CSS Extension supported by Mozilla based browsers only.
MouseTool.CustomCursor	**getMouseToolCustomCursor**() : **string** **setMouseToolCustomCursor**(value : **string**)	Gets or sets a value that represents the custom CSS style used for the MouseTool. Expected input: **string** representing Style: 'wait' or 'url(MyCursor.cur)' **Note**: Url based CSS cursor styles may not work in all browsers.

PathToResources	**getPathToResources**() : **string**	Gets the virtual path to where the image, script, and cursor files are located.
N/A	**getReturnValue**() : **var**	Gets the return value populated by the last successful RemoteInvoke.
ImagePosition	**getScrollPosition**() : **atalaPoint** **setScrollPosition**(value : **atalaPoint**)	Gets or sets the upper left image position in relation to the upper left corner of the Web server control. Negative values are expected. Expected input: **atalaPoint**
ScrollBarVisibility	**getScrollBarVisibility**() : **int**	Gets the visibility of the scrollbars. Returns an **int**: 0:Dynamic 1:None 2:Always
Selection	**getSelection**() : **Selection**	Gets the **Selection** object of this Web server control.
TileSize	**getTileSize**() : **atalaSize**	Gets the height and width of the tiles in pixels.
TitleBar	**getTitleBar**() : **string** **setTitleBar**(value : **string**)	Gets or sets a string used for a creating a title bar above the Web server control. HTML syntax is allowed. **Note**: This property is tied to a hidden input tag, so changing this value to HTML in JavaScript could cause problems if the page needs to PostBack.
ViewPortSize	**getViewPortSize**() : **atalaSize**	Gets the size of the viewable area, excluding scroll bars.
Visibility	**getVisibility**() : **string** **setVisibility**(value : **string**)	Gets or sets a value that indicates whether the Web server control is hidden or

		visible on the page. Expected input: **string** that is either 'hidden', 'visible', or 'inherit'. **Note**: 'inherit' will return VisibilityStyle.Visible on the server side.
Width	**getWidth**() : **string** **setWidth**(value : **string**)	Gets or sets the CSS width style property of the server control. Expected input: **string** representing style width: '200px'
Zoom	**getZoom**() : **float** **setZoom**(value : **float**)	Gets or sets the zoom level of the image in this Web server control.
ZoomInOutPercentage	**getZoomInOutPercentage**() : **int** **setZoomInOutPercentage**(value : **int**)	Gets or sets the percentage used to increase or decrease the zoom level when the zoom MouseTools are used.

Events

Server Name	JavaScript Syntax	Description
Annotation Events	Note: These events only pertain to the underlying atalaAnnotation objects.	
N/A	**AnnotationChanged** = function(e)	Fires when an atalaAnnotation has changed. Passes an **AnnotationEvent** object.
N/A	**AnnotationChanging** = function(e)	Fires while an atalaAnnotation is changing. Passes an **AnnotationEvent** object.
N/A	**AnnotationClicked** = function(e)	Fires when an atalaAnnotation is clicked

		with the left mouse button. Passes an **AnnotationEvent** object.
N/A	**AnnotationCreated** = function(e)	Fires when an atalaAnnotation is created with the mouse. Passes an **AnnotationEvent** object.
N/A	**AnnotationDoubleClicked** = function(e)	Fires when an atalaAnnotation is double-clicked with the left mouse button. Passes an **AnnotationEvent** object.
N/A	**AnnotationMouseDown** = function(e)	Fires when a mouse button is pressed down on an atalaAnnotation. Passes an **AnnotationEvent** object.
N/A	**AnnotationMouseDownLeft** = function(e)	Fires when the left mouse button is pressed down on an atalaAnnotation. Passes an **AnnotationEvent** object.
N/A	**AnnotationMouseDownRight** = function(e)	Fires when the right mouse button is pressed down on an atalaAnnotation. Passes an **AnnotationEvent** object.
N/A	**AnnotationMouseMove** = function(e)	Fires when the mouse cursor moves over an atalaAnnotation. Passes an **AnnotationEvent** object.
N/A	**AnnotationMouseOut** = function(e)	Fires when the mouse cursor leaves an atalaAnnotation's area. Passes an **AnnotationEvent** object.
N/A	**AnnotationMouseOver** = function(e)	Fires when the mouse cursor enters an atalaAnnotation's area. Passes an **AnnotationEvent** object.
N/A	**AnnotationMouseUp** = function(e)	Fires when a mouse button is released on an

		atalaAnnotation. Passes an **AnnotationEvent** object.
N/A	**AnnotationRightClicked** = function(e)	Fires when an atalaAnnotation is right clicked. Passes an **AnnotationEvent** object.
N/A	**AnnotationsChanged** = function(e)	Fires when the z-order of atalaAnnotations has changed. Passes an **AnnotationEvent** object.
Layer Events	Note: These events only pertain to the underlying atalaLayer objects.	
N/A	**CurrentLayerChanged** = function(e)	Fires when the current atalaLayer object has been changed to a different atalaLayer. Passes an **AnnotationEvent** object.
N/A	**LayerChanged** = function(e)	Fires when an atalaLayer has changed. Passes an **AnnotationEvent** object.
N/A	**LayersChanged** = function (e)	Fires when the z-order of atalaLayers has changed. Passes an **AnnotationEvent** object.

Events inherited from atalaWebImageViewer

Server Name	JavaScript Syntax	Description
N/A	**AntialiasDisplayChanged** = function()	Fires when the AntialiasDisplay property has changed.
N/A	**AutoZoomChanged** = function()	Fires when the AutoZoom property has changed.
N/A	**BackColorChanged** = function()	Fires when the BackColor property has changed.
N/A	**BorderColorChanged** = function()	Fires when the BorderColor property has changed.

N/A	**BorderStyleChanged** = function()	Fires when the BorderStyle property has changed.
N/A	**BorderWidthChanged** = function()	Fires when the BorderWidth property has changed.
N/A	**CaptionChanged** = function()	Fires when the Caption property has changed.
CenteredChanged	**CenteredChanged** = function()	Fires when the Centered property has changed.
N/A	**FontChanged** = function()	Fires when the Font property has changed.
N/A	**ForeColorChanged** = function()	Fires when the ForeColor property has changed.
ImageChanged	**ImageChanged** = function()	Fires when the Image has changed.
N/A	**ImageSizeChanged** = function()	Fires when the Image changes size.
N/A	**MouseToolChanged** = function()	Fires when the MouseTool property has changed.
RemoteInvoked	**RemoteInvoked** = function()	Fires when the RemoteInvoke function is called.
ImagePositionChanged	**ScrollPositionChanged** = function()	Fires when the ScrollPosition has changed
SelectionChanged	**SelectionChanged** = function()	Fires when the Selection has changed.
N/A	**SizeChanged** = function()	Fires when the Size property has changed.
N/A	**TitleBarChanged** = function()	Fires when the TitleBar property has changed.
N/A	**VisibilityChanged** = function()	Fires when the Visibility property has changed.
N/A	**ZoomChanged** = function()	Fires when the Zoom property has changed.
N/A	**ZoomInOutPercentageChanged** = function()	Fires when the ZoomInOutPercentage property has changed.

Mouse Events	**Note**: All of these events pertain to the underlying image only, and attempt to pass a **ImageMouseEvent**object to the function.	
N/A	**Clicked** = function(e)	Fires when the image is clicked. Passes an **ImageMouseEvent** object.
N/A	**DoubleClicked** = function(e)	Fires when the image is double clicked. Passes an **ImageMouseEvent** object.
N/A	**MouseDown** = function(e)	Fires when a mouse button is pressed down on the image. Passes an **ImageMouseEvent** object.
N/A	**MouseDownLeft** = function(e)	Fires when the when the left mouse button is pressed down. Passes an **ImageMouseEvent** object.
N/A	**MouseDownRight** = function(e)	Fires when the when the right mouse button is pressed down. Passes an **ImageMouseEvent** object.
N/A	**MouseMove** = function(e)	Fires when the mouse cursor moves over the image. Passes an **ImageMouseEvent** object.
N/A	**MouseOut** = function(e)	Fires when the mouse cursor leaves the image area. Passes an **ImageMouseEvent** object.
N/A	**MouseOver** = function(e)	Fires when the mouse cursor enters the image area. Passes an **ImageMouseEvent** object.
N/A	**MouseUp** = function(e)	Fires when a mouse button is released on the image. Passes an **ImageMouseEvent** object.

N/A	**RightClicked** = function(e)	Fires when the image is right clicked. Passes an **ImageMouseEvent** object.
Key Events	**Note**: The control must have focus for these events to fire. You can programmatically set focus to this control by calling **Focus()**. These events also attempt to pass a **ImageKeyEvent** object to the function.	
N/A	**KeyDown** = function(e)	Fires when a key is pressed down, if the control has focus. Passes an **ImageKeyEvent** object.
N/A	**KeyUp** = function(e)	Fires when a key is released, if the control has focus. Passes an **ImageKeyEvent** object.
N/A	**KeyPress** = function(e)	Fires when a key is pressed down, and then released, if the control has focus. Passes an **ImageKeyEvent**object.

Methods

Server Name	JavaScript Syntax : Return value	Description
Annotations.Layers.Add	**AddLayer**(layer: **atalaLayer**) : **bool**	Adds the given **atalaLayer** to this control. Returns true on success, false otherwise.
N/A	**Clear**()	Clears all annotations, all layers, and the image contained in this control.
Annotations.Layers.Clear	**ClearAnnotations**()	Clears all annotations and all layers contained in this control.
N/A	**CountAnnotations**() : **int**	Returns an **int** of the total count of all annotations on all layers in this control.
Annotations.Layers.Count	**CountLayers**() : **int**	Returns an **int** of the count of all layers in this control.

N/A	**CreateAnnotation**(type: **string**) : **atalaAnnotation** **CreateAnnotation**(type: **string**, name: **string**) : **atalaAnnotation**	Creates and returns an **atalaAnnotation** from the object type string specified. The string must represent an object type that inherits from Atalasoft.Annotate.AnnotationData on the server side. Expected input: **string** representing AnnotationData: 'EllipseData' or 'RectangleData', **string** representing the name of a **DefaultAnnotation** created on the server side. **Note**: The **atalaAnnotation** returned must be added to an **atalaLayer** by using **InsertAnnotation** or it will be created by drawing it with the mouse (if the current **AnnotationInteractMode** allows)
N/A	**CreateLayer**() : **atalaLayer**	Creates and returns an **atalaLayer** object. **Note**: The **atalaLayer** returned must be added using **AddLayer** or it (including child annotations) will not be visible.
N/A	**DeleteAnnotation**(zindex: **int**) : **bool**	Deletes the **atalaAnnotation** at the given z-index from the **CurrentLayer**. Returns true on success, false otherwise.
N/A	**DeleteAnnotations**(anns: **Array**) : **bool**	Deletes an **Array** of **atalaAnnotations** from their

		parent **atalaLayers**. Returns true on success, false otherwise.
N/A	**DeselectAll**()	Sets the **Selected** property of all **atalaAnnotations** on all **atalaLayers** to false, and hides their grips.
Annotations.CurrentLayer.Inser	**InsertAnnotation**(ann: **atalaAnnotation**, zindex: **int**) : **bool**	Inserts the given **atalaAnnotation** into the **CurrentLayer**, at the given z-index, and automatically removes it from it's previous parent object (if any). Returns true on success, false otherwise.
LoadAnnotationDataUrl	**LoadAnnotations**(url: **string**)	Loads annotation data from a URL or virtual path.
N/A	**SelectAll**()	Sets the **Selected** property of all **atalaAnnotations** on all **atalaLayers** to true, and shows their grips.

Methods Inherited from atalaWebImageViewer

Server Name	JavaScript Syntax	Description
N/A	**ClearImage**()	Clears the image from client side only, used to return to a blank state.
N/A	**Focus**()	Puts focus on the WebImageViewer, used to enable key events.
N/A	**Invalidate**()	Forces the WebImageViewer to re-position child objects.
OpenUrl	**OpenUrl**(url: **string**) **OpenUrl**(url: **string**, index: **int**)	Opens an image into the WebImageViewer control from a URL or virtual path, and frame index.

		Note: This function is asynchronous. If any code needs to be executed after this call, it should be placed in the ImageChanged event handler.
N/A	**PauseRefresh**()	Pauses UI updates for this control until ResumeRefresh is called. Pauses and Refreshes are nestable. The update happens when an equal number of ResumeRefresh and PauseRefresh calls are made.
Print	**Print**()	Prints the current image using javascript client code.
Redo	**Redo**()	Re-does an undo.
Invoke	**RemoteInvoke**(mthd : **string**) **RemoteInvoke**(mthd : **string**, args : **Array**)	Remotely invokes a server side method with the array of arguments. **Note**: This function is asynchronous. If any code needs to be executed after this call, it should be placed in the RemoteInvoked event handler.
N/A	**ResumeRefresh**()	Resumes paused UI updates for this control. Pauses and Refreshes are nestable. The update happens when an equal number of ResumeRefresh and PauseRefresh calls are made.
N/A	**ScrollBy**(dx : **int**, dy : **int**)	Scrolls the viewer by the given values.
N/A	**ScrollTo**(x: **int**, y: **int**)	Scrolls the viewer to the given coordinates.

N/A	**setZoomMode**(value : **int**)	Zoom the image once, according to the given **AutoZoomMode**. Expected input: **AutoZoomMode** or **int** from 0-5, 0:None 1:BestFit 2:BestFitShrinkOnly 3:FitToWidth 4:FitToHeight 5:FitToImage
Undo	**Undo**()	Reverts the image back to the previously cached image. **Note**: This function is limited to Image changes only. The number of available undos relies on the server side CacheLevels property of the control.
Update	**Update**()	Forces the current image to be cached and updates the viewable area.

AnnotationEvent

This object is based on the browser's mouse event object, if it pertains to a mouse event. The following properties are in addition to the properties that are specified by each individual browser.

Usage:

JavaScript

```
/* You will need a WebAnnotationViewer and a reference to ClientTools.js before this snippet.
* This reference is automatically added to the page inline with the WebControls, * so placing
this snippet below the WebAnnotationViewer control will be sufficient. */
```

```
Atalasoft.Utils.InitClientScript(BindAnnotationEvents); function BindAnnotationEvents(){
WebAnnotationViewer1.AnnotationDoubleClicked = AnnotationEventExample;
WebAnnotationViewer1.AnnotationRightClicked = AnnotationEventExample; } // This simple
example alerts the user when an annotation is double or right clicked. function
AnnotationEventExample(e){ var pos = Atalasoft.Utils.getMousePosition(e); alert('Event fired
on annotation at position: ' + pos.X + 'x' + pos.Y); }
```

Properties

Server Name	JavaScript Syntax : Return value	Description
N/A	**annotation** : **atalaAnnotation**	The **atalaAnnotation** object that this event was fired from, if any. Returns **null** if this event was fired from a layer.
N/A	**layer** : **atalaLayer**	The **atalaLayer** object that this event was fired from, if any. Returns **null** if this event was fired from an annotation.

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atalaLayer

This object represents the client side JavaScript version of an Atalasoft.Annotations.LayerAnnotation object.

Properties

Server Name	JavaScript Syntax : Return value	Description
LayerAnnotation.Items	**getAnnotations**() : **Array**	Returns an array of annotations that are contained in this layer.
N/A	**getLayerIndex**() : **int**	Returns an integer that

		corresponds with the array index of this layer.
LayerAnnotation.Visible	**getVisibility**() : **string** **setVisibility**(value : **string**)	Gets or sets a value that indicates whether the layer and child elements are hidden or visible in the control. Expected input: **string** that is either "hidden" or "visible"

Methods

Server Name	JavaScript Syntax : Return value	Description
LayerAnnotation.Items.Add	**Add**() : **bool**	Adds the given **atalaAnnotation** to the annotation array at the top most z-order. Returns true if the add succeeded, false otherwise.
N/A	**Delete**() : **bool**	Deletes the **atalaAnnotation** at the given index, and disposes of DOM objects. Returns true on success, false on failure.
LayerAnnotation.Items.Insert	**Insert**() : **bool**	Inserts the given **atalaAnnotation** into the annotation array at the given index. Returns true if the insert succeeded, false otherwise.

Events

Server Name	JavaScript Syntax	Description
N/A	**Changed** = function(e)	Fires when the layer has changed.
N/A	**ItemsChanged** = function(e)	Fires when child annotations have changed z-order.

atalaAnnotation

This object represents the client side JavaScript version of an Atalasoft.Annotations.AnnotationUI object.

Properties

Server Name	JavaScript Syntax : Return value	Description
AnnotationUI.AspectRatio	**getAspectRatio**() : **float** **setAspectRatio**(value : **float**)	Gets or sets a value that indicates the aspect ratio of this annotation. A value of zero will not maintain any aspect ratio.
N/A	**setEditorHtml**(value : **string**)	Sets the innerHTML of the DOM object that is used to edit the annotation.
N/A	**getEditorObject**() : **object**	Gets the DOM object that is used to edit the annotation.
AnnotationUI.Height	**getHeight**() : **int** **setHeight**(value : **int**)	Gets or sets the height of the annotation.
AnnotationUI.Movable	**getMovable**() : **bool** **setMovable**(value : **bool**)	Gets or sets a value that indicates whether the annotation can be moved with the mouse.
	getParent() : **atalaLayer**	Gets the parent object of this annotation.
AnnotationUI.Position	**getPosition**() : **atalaPoint** **setPosition**(value : **atalaPoint**)	Gets or sets the position of the annotation.
	getRectangle() : **atalaRectangle** **setRectangle**(value : **atalaRectangle**)	Gets or sets the size and position of this annotation.
AnnotationUI.Resizable	**getResizable**() : **bool**	Gets or sets a value that

	setResizable(value : **bool**)	indicates whether the annotation can be resized with the mouse.
	getSize() : **atalaSize** **setSize**(value : **atalaSize**)	Gets or sets the size of this annotation.
AnnotationUI.Selected	**getSelected**() : **bool** **setSelected**(value : **bool**)	Gets or sets a value that indicates whether the annotation is selected.
AnnotationUI.Tooltip	**getToolTip**() : **string** **setToolTip**(value : **string**)	Gets or sets the tooltip that is displayed when the mouse is moved over this annotation.
	getType() : **string**	Gets the AnnotationData type for this annotation.
AnnotationUI.Visible	**getVisibility**() : **string** **setVisibility**(value : **string**)	Gets or sets a value that indicates whether the annotation is hidden or visible. Expected input: **string** that is either "hidden" or "visible"
AnnotationUI.Width	**getWidth**() : **int** **setWidth**(value : **int**)	Gets or sets the width of the annotation.
N/A	**getZIndex**() : **int**	Gets the z-index of this annotation.

Methods

Server Name	JavaScript Syntax	Description
N/A	**HideEditor**()	Hides the editor for this annotation, if there is one.
N/A	**ShowEditor**()	Shows the editor for this annotation, if there is one.
N/A	**Synchronize**()	Synchronizes the annotation bounds with underlying data. This should only be used if the data object is being

		changed directly.
N/A	**Update**()	Synchronizes the client-side annotation data with the server-side annotation data, and requests a new image from the server.
N/A	**Repaint**()	Sends a request to the server for a new annotation image.

Events

Server Name	JavaScript Syntax	Description
N/A	**Changed** = function(e)	Fires when the annotation has finished being modified.
N/A	**Changing** = function(e)	Fires while the annotation is being modified through mouse movement.
N/A	**Clicked** = function(e)	Fires when the annotation is clicked.
N/A	**DoubleClicked** = function(e)	Fires when the annotation is double clicked.
N/A	**MouseDown** = function(e)	Fires when a mouse button is pressed down on the annotation.
N/A	**MouseDownLeft** = function(e)	Fires when the left mouse button is pressed down on the annotation.
N/A	**MouseDownRight** = function(e)	Fires when the right mouse button is pressed down on the annotation.
N/A	**MouseMove** = function(e)	Fires when the mouse cursor moves over the annotation.
N/A	**MouseOut** = function(e)	Fires when the mouse cursor leaves the annotation area.

N/A	**MouseOver** = function(e)	Fires when the mouse cursor enters the annotation area.
N/A	**MouseUp** = function(e)	Fires when a mouse button is released on the annotation.
N/A	**RightClicked** = function(e)	Fires when the annotation is right clicked.
N/A	**Selected** = function(e)	Fires when the annotation is selected.

Original Article

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Atalasoft Knowledge Base
https://www.atalasoft.com/kb2/KB/50130/INFO-WebAnnotationViewer-JavaScript-...