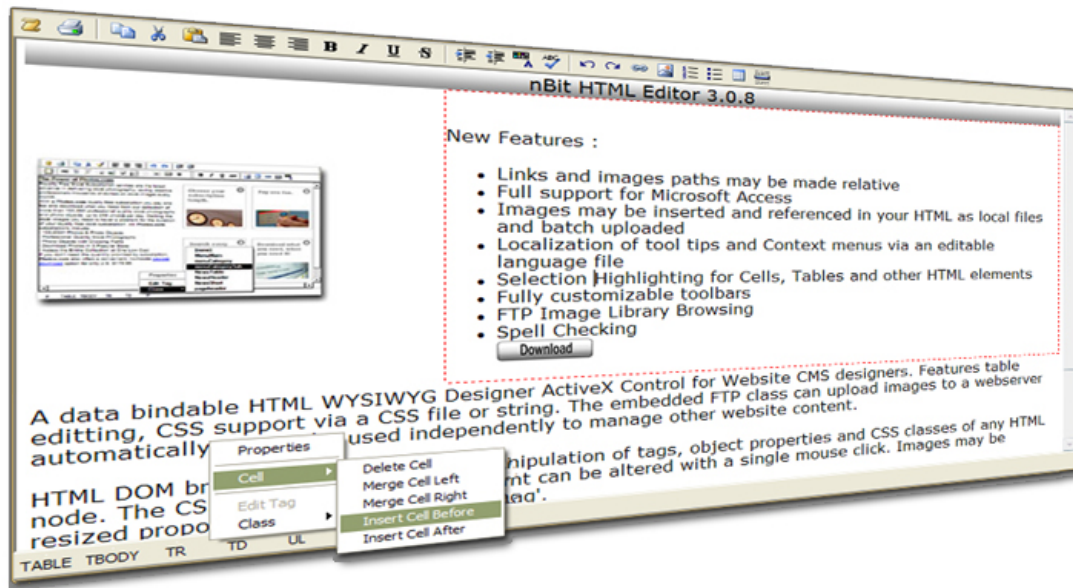





Developers Reference Guide



*Version 3.2
January 11th, 2011*

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Overview

The nBit HTML Editor ActiveX is a data bindable WYSIWYG HTML edit designer activeX control, allowing its users to create and edit HTML code in a visual format. It is an implementation of the microsoft MSHTML library that Internet Explorer 6 is based on.

The control is designed for developers of web site Content Management Systems and software authors who need WYSIWYG HTML design capabilities included in their applications

It is compatible with development environments that support activeX controls such as Visual Basic 6, Access2000 and greater, Visual Studio .NET, Borland Delphi and C++ builder. Note that wrapper classes are required to be created before using the control in .NET or Borland products. It is not designed to be housed in an instance of Internet Explorer and is not compatible with Visual C++ 6.0.

As the control is data bindable its very easy to implement it into existing projects. The property that is bindable is DocumentHTML. DocumentHTML contains the contents of the edited HTML page loaded into control in between and not including the <BODY> and </BODY> tag. This means that the control can be used to edit portions of a HTML document or an entire web pages' displayed contents.

It contains all the standard fetatures found in commerical stand-alone WYSIWYG HTML designers. For example :

- Text modifications – Bold, Italicize, strike-thru, justification, font and color settings, indenting out denting
- HTML Tables – Can be inserted and modified, and the properties of rows and cells modified
- Images – May be inserted and optionally uploaded to a web server via a built in FTP class. The properties of any image in the document may be modified using the windows form
- Formatted Source Code Editing – More advanced end users may edit the source code of the document.
- Cascading Style Sheets – HTML Elements may be assigned CSS class using a popmenu that displays all the CSS classes associated with a document.
- DOM Toolbar – The editor features a HTML DOM Toolbar that displays and allows selection and modification of any HTML node in a branch of the current document (see Users Manual page 8 for a detailed explanation)

Properties

<i>AlwaysConvertUnicodeCharacters</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : AlwaysConvertUnicodeCharacters	Force Unicode characters to be displayed in &#xxxx; format when the documentHTML value is extracted.

<i>AllowSelectWhenDisabled</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : AllowSelectWhenDisabled	When true and the editor is editorenable=False allows the user to select HTML with the mouse and perform clipboard copy operations.

<i>DocumentHTML</i>	Definition	Description
Run-time : RW Design-Time : RW	String : DocumentHTML	The innerHTML value of the outer tag of the currently edited document. This is the data bound property of the control.

<i>DOM</i>	Definition	Description
Run-time : R	IHTMLDocument2 : DOM()	Provides access to the underlying HTML DOM via IHTMLDocument2.

<i>AllHTML</i>	Definition	Description
Run-time : R Design-Time : N/A	string : AllHTML	The entire HTML code for the document. Ie Everything between the <HTML> and </HTML> tags.

<i>DocumentText</i>	Definition	Description
Run-time : R Design-Time : N/A	string : DocumentText	The innerText value of the outer tag of the currently edited document. This is the text-only version of the document. It contains no HTML markup.

<i>BorderStyle</i>	Definition	Description
Run-time : RW Design-Time : RW	BorderStyle () As EdBorderStyle	Gets / Sets the Border Style of the editor

<i>BaseURL</i>	Definition	Description
Run-time : RW Design-Time : RW	String : BaseURL Note : for a local (hard-drive) base URL use forward slashes eg file:///C:/test/ A trailing forward-slash must be used for local urls	Returns or sets the base url for the document being edited. All relative paths for images and links placed into the HTML document will use the BaseURL property to resolve the URL

<i>CSShttp</i>	Definition	Description
Run-time : R Design-Time : RW	Boolean : CSShttp	When True the document expects the CSSText property to be a local or remote URL identifying a valid CSS file. When False a valid CSS rules string can be applied to the document

<i>localImageStore</i>	Definition	Description
Run-time : RW Design-Time : RW	String : localImageStore	Folder to store local images. If uploadImages is set to false then all images inserted into the editor will be copied to this folder.

CSSText	Definition	Description
Run-time : RW Design-Time : RW	<p>String : CSSText</p> <p>For a local CSS (hard-drive) document use</p> <p>File:///C:/test/cssDocName.css</p> <p>And set CSSHTTP to true</p> <p>Note the use of three (3) forward slashes</p> <p>For remote CSS documents use a fully qualified path to the document. Eg.</p> <p>http://yourserver.com/css/theStyles.css</p>	<p>Returns or sets the Cascading Style Style sheet information for the document being edited. Depending on the value of CSShttp the CSSText property will either accept a string value which is the URL of CSS document or a well formed CSS text string.</p> <p>In non CSShttp mode the following concept can be applied to set the CSS properties for the document whilst in design mode</p> <pre>p { font:10px Verdana, Arial, Helvetica, sans-serif; color: #000000; } Me.HTMLed1.CSSText = Me.HTMLed1.CSSText & "input { font:10px Verdana, Arial, Helvetica, sans-serif; color: #000000; }</pre>

DocumentTitle	Definition	Description
Run-time : RW Design-Time : RW	string : DocumentTitle	The contents of the <TITLE> tag for the document.

<i>EditorEnabled</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : EditorEnabled	When True the editors functions are enabled. When False the editor becomes a 'locked' HTML viewer

<i>HighlightDOMSelection</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : HighlightDOMSelection	Gets / Sets a boolean value that determines whether the editor draws a border around an HTML node after clicking a node on the DOM toolbar

<i>HighlightDOMSelectionOnClick</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : HighlightDOMSelectionOnClick	Gets / Sets a boolean value that determines whether the editor draws a border around an HTML node after clicking a node on the editor window toolbar

<i>isAccessContained</i>	Definition (dotNet Developers take note)	Description
Run-time : R Design-Time : RW	isAccessContained () As Boolean <i>Access Developers : IMPORTANT!!!!</i> <i>dotNet developers : IMPORTANT!!!</i>	Gets / Sets a boolean value that determines whether the editor is being housed in Microsoft Access. Access developers must set this value to True for the enter key to function correctly in MSAccess and dotNet winforms.

<i>LocalizationFile</i>	Definition	Description
Run-time : RW Design-Time : RW	String : LocalizationFile	Returns or sets the local path to a language localization file that allows developers to customize the text displayed in all context menus and tooltips in the editor. See appendix (ii) for details on the makeup of a localization file.

<i>SelectionBorderColor</i>	Definition	Description
Run-time : RW Design-Time : RW	String : SelectionBorderColor	Sets / Returns the border color for HTML elements currently selected in the editor. The format for the color string is any valid HTML color. Eg. RED, #000033 or RGB(129,145,240) Note: This changing this property only has an affect if HighlightDOMSelection or HighlightDOMSelectionOnClick are set to true

<i>SelectionBorderStyle</i>	Definition	Description
Run-time : RW Design-Time : RW	SelectionBorderStyle () As EdHighLightStyle	Sets / Returns the border style for HTML elements currently selected in the editor.

<i>SelectionBorderWidth</i>	Definition	Description
Run-time : RW Design-Time : RW	String : SelectionBorderWidth	Sets / Returns the border style for HTML elements currently selected in the editor.

<i>ShowCSSDropDown</i>	Definition	Description
Run-time : RW Design-Time : RW	String : ShowCSSDropDown	This property has no effect as of build 1.0.10. It is retained for backward compatibilty with applications written with older version of the editor.

<i>ShowDocumentBackgroundImage</i>	Definition	Description
Run-time : R Design-Time : RW	Boolean : ShowDocumentBackgroundImage	Gets / Sets a boolean value indicating whether the editor should show any background image for the <BODY> tag defined in an associated CSS rule

<i>ShowDOMToolbar</i>	Definition	Description
Run-time : R Design-Time : RW	Boolean : ShowDOMToolbar	Shows / Hides the DOM Toolbar

<i>ShowFormattingToolbar1</i>	Definition	Description
Run-time : R Design-Time : RW	Boolean : ShowFormattingToolbar1	Shows / Hides the Formatting Toolbar Buttons 1

<i>ShowFormattingToolbar2</i>	Definition	Description
Run-time : R Design-Time : RW	Boolean : ShowFormattingToolbar2	Shows / Hides the Formatting Toolbar Buttons 2

<i>ShowFormToolbar</i>	Definition	Description
Run-time : R Design-Time : RW	Boolean : ShowFormToolbar	Shows / Hides the Form Elements Toolbar

<i>IsDirty</i>	Definition	Description
Run-time : R Design-Time : N/A	Boolean : IsDirty	Boolean value indicating whether the contents of the editor have been changed.

<i>HiddenButtons</i>	Definition	Description
Run-time : RW Design-Time : RW	String : HiddenButtons	A semi-colon seperated list of button names. When included in the list the named toolbar buttons are invisible. (p.24)

<i>UploadImages</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : UploadImages	Returns / Sets a boolean value indicating whether the editor will upload images inserted into the document from the image command button via FTP or leave them on the local disk

<i>useEnterAsBR</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : useEnterAsBR	Inserts a element when the enter key is pressed as opposed to a new block element (eg P, OL, UL, DIV etc)

<i>FTPHost</i>	Definition	Description
Run-time : RW Design-Time : RW	String : FTPHost	Sets / Returns the Host name or IP address of a remote FTP Server

<i>FTPInitDirectory</i>	Definition	Description
Run-time : RW Design-Time : RW	String : FTPInitDirectory	Sets / Returns the directory name initially connected to on a remote FTP Server

<i>FTPPassive</i>	Definition	Description
Run-time : RW Design-Time : RW	Boolean : FTPPassive	Sets / Returns a Boolean value which determines whether the FTP class will use passive transfers.

<i>FTPPassword</i>	Definition	Description
Run-time : RW Design-Time : RW	String : FTPPassword	Sets / Returns the password used for connection to a remote FTP Server

<i>FTPSaveToURL</i>	Definition	Description
Run-time : RW Design-Time : RW	String : FTPSaveToURL	<p>Sets / Returns the URL of a directory used to save files to on a remote FTP Server.</p> <p><u>** Important **</u></p> <p>This property must be set correctly for images uploaded to display in the editor.</p> <p>FTPSaveToURL represents the http path to your FTPInitDirrectory. It may be a fully qualified path (including the http:// portion) or it may be or a path relative to the value of the BaseURL property of the editor</p>

<i>FTPUser</i>	Definition	Description
Run-time : RW Design-Time : RW	String : FTPUser	Sets / Returns the username used for connection to a remote FTP Server

<i>FTPTransferType</i>	Definition	Description
Run-time : RW Design-Time : RW	FTPTransferType () As ed_FTPTransferType	nb_ASCII = use ASCII transfers nb_Binary = use Binary Transfers nb_Unknown = FTP class attempts to work out the required transfer type (defaults to nb_Binary)

<i>FTPProxyServer</i>	Definition	Description
Run-time : RW Design-Time : RW	string : FTPProxyServer	If a proxy server is used this is the name or IP of the proxy server.

<i>FTPProxyBypassList</i>	Definition	Description
Run-time : RW Design-Time : RW	string : FTPProxyBypassList	Space delimited string servers that are to bypass the proxy server. Wildcards are acceptable in this list eg *inte* will bypass servers painter and internal.

<i>relativeURLs</i>	Definition	Description
Run-time : RW Design-Time : RW	string : relativeURLs	When true all SRC and HREF attributes for scripts, images and links will have the value of the baseURL removed from them. When False the attributes for SRC and HREF will remain fully qualified.

<i>CustomDictionaryFilename</i>	Definition	Description
Run-time : RW Design-Time : RW	string : CustomDictionaryFilename	Path to a text file that is used by the spell checker as a source for existing and destination for new custom dictionary words

<i>HiddenContextMenus</i>	Definition	Description
Run-time : R Design-Time : RW	string : HiddenContextMenus()	A semi-colon seperated list of context menu names. When included in the list the named context menus are invisible. (p.24)

Methods

<i>SpellCheck</i>	Definition	Description
	SpellCheck()	Spell checks the selected text in the editor. Requires MS Word to be installed. If there is no text selection the entire document is spell checked.

<i>bold_document</i>	Definition	Description
	bold_document ()	Adds or removes bolding from the current text selection

<i>italic_document</i>	Definition	Description
	italic_document ()	Adds or removes italicizing from the current text selection

<i>underline_document</i>	Definition	Description
	underline_document ()	Adds or removes underlining from the current text selection

<i>undo_document</i>	Definition	Description
	undo_document ()	Undoes the last change to the document

<i>redo_document</i>	Definition	Description
	redo_document ()	Redoes the last change undone to the document

<i>Left_Justify</i>	Definition	Description
	Left_Justify ()	Left Justifies the current block tag

<i>Center_justify</i>	Definition	Description
	Center_justify ()	Center Justifies the current block tag

<i>Right_justify</i>	Definition	Description
	Right_justify ()	Right Justifies the current block tag

<i>CleanUp</i>	Definition	Description
	CleanUp ()	Unloads the Formatting Toolbars from the coolbar control. Note: Redundant as of build 1.0.12. This method now has no function and is retained for backwards compatibilty only.

<i>Copy_document</i>	Definition	Description
	Copy_Document ()	Copies the currently selected HTML element or text to the windows clipboard.

<i>CountLocallImages</i>	Definition	Description
	CountLocallImages () as long	Returns a long value indicating the number of images in a document that are referenced as local URLs

<i>Cut_document</i>	Definition	Description
	Cut_Document ()	Cuts the currently selected HTML element or text to the windows clipboard.

<i>insert_HR</i>	Definition	Description
	insert_HR ()	Inserts a horizontal line (<HR>) in the replacing the current selction.

<i>insert_Link</i>	Definition	Description
	insert_Link ()	Opens the Hyperlink form allow the user to insert a hyperlink on the current selection.

<i>numbered_list</i>	Definition	Description
	numbered_list ()	Creates a numbered list () containing the current selection if there is one.

<i>unnumbered_list</i>	Definition	Description
	unnumbered_list ()	Creates a un-ordered list () containing the current selection if there is one.

<i>change_Font</i>	Definition	Description
	change_Font ()	Opens the font settings form.

<i>InCodeView</i>	Definition	Description
	InCodeView () as boolean	Returns a boolean value indicating whether the editor is in code view mode or not.

<i>DeleteFileFTP</i>	Definition	Description
	DeleteFileFTP (RemoteFile as string)	Deletes a file from a FTP server. RemoteFile may be a path to file relative to the FRPInitDirectory property

<i>selectText</i>	Definition	Description
	selectText (SelStartPos as long, SelLength as long)	Creates a text selection in the editor based on the values of selStartPos and SelLength. Non textual elements are not taken into account for determining the selection, although they may be included in the final selection.

<i>GetFileFTP</i>	Definition	Description
	GetFileFTP (LocalFilename as string, RemoteFilename as string)	Retrieves a file from a remote FTP server and stores it as LocalFilename

<i>InsertAtCursor</i>	Definition	Description
	InsertAtCursor (HTMLText as string, insertWhere as ed_InsertType)	<p>Inserts HTML at the current cursor or selection position.</p> <p>ed_InsertAfterSelection – insert after the current selection ed_InsertBeforeSelection - insert before the current selection ed_InsertReplaceSelection – replace the current selection.</p>

<i>Insert_Image</i>	Definition	Description
	Insert_Image (optional LocalFilename as string)	<p>Uploads and Inserts an image into the current document. The image is saved to the URL set by FTPSaveToURL postfixed by the name of the file. If LocalFilename is omitted then a standard windows open dialog prompts the user for the filename.</p>

<i>Insert_Image_NoFTP</i>	Definition	Description
	Insert_Image_NoFTP (optional LocalFilename as string)	<p>Inserts an image into the current document without uploading it. The image URL is set to file:///localPath. If LocalFilename is omitted then the standard windows open dialog prompts the user for the filename</p>

<i>insertImageFromURL</i>	Definition	Description
	insertImageFromURL (optional ImageURL as string)	<p>Inserts an image into the current document without uploading it. The image URL is set to is fully qualified image URL or URL relative to the BaseURL property. If ImageURL is omitted then FTP library images form is opened</p>

<i>ListFilesFTP</i>	Definition	Description
	ListFilesFTP (optional remoteDirectory as string, Filter as string) As clsDirectoryList	Returns an object of the type clsDirectoryList listing the files in the directory set by remoteDirectory. Filtering is applied using wildcards eg *.jpg will return a list of all the files with a .jpg extension.

<i>Open_document</i>	Definition	Description
	Open_Document (optional strURL as string, bEntireDoc as boolean) <i>if bEntireDoc is false then only the innerHTML of the body tag will be opened</i>	Opens a HTML document set by strURL. If strURL is omitted then a standard windows dialog box prompts the user for a local file to load.

<i>paste_document</i>	Definition	Description
	Paste_Document ()	Pastes the contents of the windows clipboard to the current cursor position in the current document.

<i>Print_document</i>	Definition	Description
	Print_Document ()	Opens the standard windows print dialog allowing the currently edited document to be printed.

<i>PutFileFTP</i>	Definition	Description
	PutFileFTPUser (LocalFile as string, RemoteFile as string)	Saves a file to remote FTP server. The file is uploaded to the URL specified by concatenating the value of the property SaveToURL and the RemoteFile argument

<i>RevertToOriginal</i>	Definition	Description
	RevertToOriginal()	Undoes all changes in the current document

<i>save_document</i>	Definition	Description
	Save_Document (optional strFilename as string, optional bEntireDocument as boolean = True)	Saves the current document to disk. If strFilename is omitted the standard windows save dialog is opened. If bEntireDocument is false on the documentHTML HTML text is saved to disk.

<i>sendCR</i>	Definition	Description
	sendCR (bBR as boolean)	Sends an Enter Key press to the editor. Now deprecated

<i>setLicenceKey</i>	Definition	Description
	setLicenceKey ()	Sets the run-time licence key for the editor. Used as alternative to distributing the rHTMLed.lic file. It must be called for each instance of the control if the .lic file is not present on the deploment Operating System.

<i>show_Code</i>	Definition	Description
	Show_Code ()	Toggles beweteeen WYSIWIG and code views

<i>UploadAllImages</i>	Definition	Description
	UploadAllImages () As Long	Uploads all the locally referenced images (src=file:///...) in the document to a FTP server. The directory saved to is set by the SaveToURL property. The src attribute fpr each image is then updated to point to the remote URL.

<i>InCodeView</i>	Definition	Description
	InCodeView () as Boolean	Returns a boolean value indicating whether the editor is in HTML code editing mode.

<i>GetCurrentSelection</i>	Definition	Description
	GetCurrentSelection(ByVal HTMLText As Boolean) As string	Returns a string containing the current TEXT selection in either HTML tag form or plain text.

<i>FormatSelection</i>	Definition	Description
	FormatSelection(OpeningTag As String, ClosingTag As String)	Encases the current selection with supplied opening and closing tags. Please note : for this method to function correctly the opening and closing tags must match

<i>SpellingCancel</i>	Definition	Description
	SpellingCancel ()	Cancels the current spell checking operation

Events

<i>Error</i>	Definition	Description																										
	Error(errNo As Long, errDesc As String)	<p>Generic Error Handler</p> <table border="1"> <thead> <tr> <th>Error Number</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Local Image Path not Found</td> </tr> <tr> <td>4</td> <td>When applying styles the selection cannot span control elements</td> </tr> <tr> <td>5</td> <td>Selection formatting could not be applied</td> </tr> <tr> <td>6</td> <td>Current Selection could not be retrieved</td> </tr> <tr> <td>102</td> <td>Insert Image Failed</td> </tr> <tr> <td>106</td> <td>the editor cannot parse the code and cant show the code</td> </tr> <tr> <td>993</td> <td>InsertAtCursor failed</td> </tr> <tr> <td>4001</td> <td>There was error during spell checking</td> </tr> <tr> <td>11000</td> <td>Can not find UI language file</td> </tr> <tr> <td>11011</td> <td>Cannot parse UI language file (xml)</td> </tr> <tr> <td>12765</td> <td>Can not find custom dictionary</td> </tr> <tr> <td>16385</td> <td>An error occurred whilst attempting to print</td> </tr> </tbody> </table>	Error Number	Description	1	Local Image Path not Found	4	When applying styles the selection cannot span control elements	5	Selection formatting could not be applied	6	Current Selection could not be retrieved	102	Insert Image Failed	106	the editor cannot parse the code and cant show the code	993	InsertAtCursor failed	4001	There was error during spell checking	11000	Can not find UI language file	11011	Cannot parse UI language file (xml)	12765	Can not find custom dictionary	16385	An error occurred whilst attempting to print
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<i>FTPError</i>	Definition	Description										
	FTPError(errNo As Long, errDesc As String)	<p>Raised when an FTP Error Occurs.</p> <table border="1"> <thead> <tr> <th>Error Number</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Could not connect to FTP Host</td> </tr> <tr> <td>12</td> <td>File Upload Failed</td> </tr> <tr> <td>13</td> <td>File download failed</td> </tr> <tr> <td>14</td> <td>Directory Listing Failed</td> </tr> </tbody> </table>	Error Number	Description	11	Could not connect to FTP Host	12	File Upload Failed	13	File download failed	14	Directory Listing Failed
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FTPSuccess	Definition	Description										
	HTMLe1_FTPSuccess(ID As Long, Message As String)	Raised when an FTP action succeeds..										
		<table border="1"> <thead> <tr> <th>ID</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Successfully connected to FTP Host</td> </tr> <tr> <td>1</td> <td>File Successfully Uploaded</td> </tr> <tr> <td>2</td> <td>File Successfully downloaded</td> </tr> <tr> <td>3</td> <td>Directory Listed</td> </tr> </tbody> </table>	ID	Description	0	Successfully connected to FTP Host	1	File Successfully Uploaded	2	File Successfully downloaded	3	Directory Listed
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3	Directory Listed											

FTPTransferProgress	Definition	Description
	FTPTransferProgress(CurrentBytes As Long, TotalBytes As Long)	Raised every 100 bytes of data transferred (upload and download)

HTMLe1_ASCIIKeyPress	Definition	Description
	ASCIIKeyPress(KeyCode As Long, Shift As Boolean, Control As Boolean)	Raised on a keypress in the editor

SpellCheckComplete	Definition	Description
	SpellCheckComplete(Cancelled As Boolean)	Raised on completion of a spell check. Cancelled indicates if the the user clicked the quit button on the spell checker.

SpellCheckWord	Definition	Description
	SpellCheckWord (Cancelled As Boolean, oldWord As String, newWord As String, AddThisWord As Boolean)	Raised for every word that is spell checked, cancelled is passed byRef allowing the event to be cancelled. This event allows the developer to implement their own spell checking. OldWord is the word being checked, newWord is passed byRef and can be modified by the developer, AddWord add the word to the custom dictionary file (if it is defined)

<i>ToolBarButtonClick</i>	Definition	Description
	ToolBarButtonClick(ToolBar As String, Index As Integer, ButtonName As String, ByRef Cancel As Boolean)	Raised on a toolbar button click. Cancelled is passed by reference allowing the developer to intercept the button click before it handled by the editor

<i>BeginImageUpload</i>	Definition	Description
	BeginImageUpload ()	Raised before the editor begins an image upload

<i>EndImageUpload</i>	Definition	Description
	EndImageUpload ()	Raised after the editor ends an image upload

<i>MenuClick</i>	Definition	Description
	MenuClick (MenuItem As String, cancel As Boolean)	Raised on a context menu click. Cancelled is passed by reference allowing the developer to intercept the menu click before it is handled by the editor

<i>BeforeCodeViewChange</i>	Definition	Description
	BeforeCodeViewChange (CurrentlyWYSIWYG As Boolean, cancel As Boolean)	Cancelled is passed by reference allowing the developer to intercept the change to code view or WYSIWYG view

<i>BeforeGetDocumentHTML</i>	Definition	Description
	BeforeGetDocumentHTML (CurrentDocumentHTML As String)	<p>Raised before the DocumentHTML value is passed back through the controls' interface to the parent application. This event allows the developer to parse and make changes to the HTML code before it is saved into a database etc.</p> <p>Please note: the changes made to HTML in this event are NOT reflected in the control. Its use is purely to allow the parsing if output. For example. Making the HTML XHTML compliant.</p>

<i>BeforeNavigate</i>	Definition	Description
	BeforeNavigate(TheURL As String, TheFrameName As String, CancelNavigate As Boolean)	<p>ONLY used in Preview mode, not in editing mode the BeforeNavigate event allows the developer to control link clicks in the control. CancelNavigate defaults to true always.</p>

<i>DocumentClick</i>	Definition	Description
	DocumentClick (CurrentElement As Object)	<p>Raised when a mouse click is made in the control or a control element is selected with the mouse or tab key. Control elements include HTML elements of the type IMG, Form elements, and buttons.</p>

Enumerations

<i>EdBorderStyle</i>	Definition	Description
	<pre>Public Enum EdBorderStyle None=0 ' None Solid=1 ' Solid End Enum</pre>	The border style of the control.

<i>EdHighLightStyle</i>	Definition	Description
	<pre>Public Enum EdHighLightStyle edNone=0 edSolid=1 edDashed=2 edDotted=3 edDouble=4 edGroove=5 edRidge=6 edInset=7 edOutset=8 End Enum</pre>	When using selection highlighting, the border style of the currently selected HTML element.

<i>ed_FTPTransferType</i>	Definition	Description
	<pre>Public Enum ed_FTPTransferType nb_ASCII=1 ' nb_ASCII nb_Binary=2 ' nb_Binary nb_Unknown=0 ' nb_Unknown End Enum</pre>	The type of FTP transfer method used.

<i>ed_InsertType</i>	Definition	Description
	<pre>Public Enum ed_InsertType ed_InsertReplaceSelection=0 ' ed_InsertBeforeSelection=1 ' ed_InsertAfterSelection=2 ' End Enum</pre>	

HiddenButtons Property

The HiddenButtons property is a semi-colon separated list of toolbar buttons to hide for toolbar1, toolbar2, and the form elements toolbar. The button enumerations are below. For example :

HiddenButtons = "Toggle;print;table;"

Will hide the toggle code, print document and insert table buttons on the main toolbar.

Enumerations

Toggle	Print	Copy
Cut	Paste	Align Left
Center	Align Right	Undo
Redo	indent	Unindent
unorderedlist	orderedlist	Bold
Italic	Underline	Strike Through
Image	Table	Spell Check
Link	HR	Text
Form	TextField	Textarea
FileField	HiddenField	ImageField
checkbox	dropdown	Button
Submit	Reset	Radio
RemotelImage		

HiddenContextMenus Property

The HiddenContextMenus property is a semi-colon separated list of toolbar buttons to hide for toolbar1, toolbar2, and the form elements toolbar. The button enumerations are below.

Enumerations

Img	TProp	MiscSource
ImgCopy	Links	MiscRevert
ImgCut	LinkCut	ImgProperties
ImgPaste	LinkCopy	ToolProperties
ImgNewLink	LinkPaste	CellRowActions
ImgLinkRemove	LinkEdit	CellRowActionsDelete
ImgLink	LinkRemove	CellRowActionsInsertRowAbove
ImgProperties	Misc	
	MiscCut	CellRowActionsInsertRowBelow
TInsRow	MiscCopy	CellRowActionsMergeCellLeft
mntDelRow	MiscPaste	CellRowActionsMergeCellRight
TInsCol	MiscStyle	CellRowActionsInsertCellBefore
mnTDeCol	InsertLink	CellRowActionsInsertCellAfter

Using the Editor in Development Environments

Microsoft Access

Refer to [Using the editor in Microsoft Access](#) online

Visual Basic 6

Refer to Using the editor in [Microsoft Visual Basic 6.0](#) online

Delphi

Refer to [Using the editor in Borland Delphi](#) online

Visual Studio .NET

Refer to [Using the editor in Visual Studio .NET](#) online

Localization

The nBit HTML has support for languages other than English thru the implementation of a localisation file. All the tooltips and context menu texts may be customized to display any text preferred.

The localization is in the form of XML file. If no language file is specified using the **LocalizationFile** property then English is the assumed language and all tooltips are displayed as their internal english defaults. For examples of usage of localisation refer to the files in the language folder in your installation directory.

The language XML file must conform to the following DTD (Document Type Definition);

```
<!ELEMENT ElementTagEdit ( Item+ ) >
<!ELEMENT FontSettings ( Item+ ) >
<!ELEMENT FormSettings ( Item+ ) >
<!ELEMENT ImageSettings ( Item+ ) >
<!ELEMENT Item ( name, value? ) >
<!ELEMENT LibraryImageSettings ( Item+ ) >
<!ELEMENT MainItem ( Item+ ) >
<!ATTLIST MainItem name NMTOKEN #REQUIRED >
<!ELEMENT SpellingSettings ( Item+ ) >
<!ELEMENT TableCellSettings ( Item+ ) >
<!ELEMENT TableRowSettings ( Item+ ) >
<!ELEMENT TableSettings ( Item+ ) >
<!ELEMENT WaitSettings ( Item+ ) >
<!ELEMENT languageUI ( MainItem+, ImageSettings, TableCellSettings, TableRowSettings,
ElementTagEdit, FontSettings, FormSettings, WaitSettings, SpellingSettings, TableSettings,
LibraryImageSettings ) >
<!ELEMENT name ( #PCDATA ) >
<!ATTLIST name special NMTOKEN #IMPLIED >
<!ELEMENT value ( #PCDATA ) >
```

Command string	Type	Description
[Toolbar1]	Toolbar Identifier	Sets the subseqent listing to be commands affecting toolbar1
Toggle	Tooltip Identifier	Tooltip text for the Toggle button
Print	Tooltip Identifier	Tooltip text for the Print button
Copy	Tooltip Identifier	Tooltip text for the Copy button
Cut	Tooltip Identifier	Tooltip text for the Cut button
Paste	Tooltip Identifier	Tooltip text for the Paste button
Align Left	Tooltip Identifier	Tooltip text for the Align Left button
Center	Tooltip Identifier	Tooltip text for the Align Center button
Align Right	Tooltip Identifier	Tooltip text for the Align Right button
Undo	Tooltip Identifier	Tooltip text for the Undo button
Redo	Tooltip Identifier	Tooltip text for the Redo button
indent	Tooltip Identifier	Tooltip text for the indent button
unindent	Tooltip Identifier	Tooltip text for the unindent button
unorderedlist	Tooltip Identifier	Tooltip text for the unordered List button
orderedlist	Tooltip Identifier	Tooltip text for the ordered list button

Command string	Type	Description
[Toolbar2]	Toolbar Identifier	Sets the subsequent listing to be commands affecting toolbar2
Bold	Tooltip Identifier	Tooltip text for the Bold button
Italic	Tooltip Identifier	Tooltip text for the Italic button
Underline	Tooltip Identifier	Tooltip text for the Underline button
Strike Through	Tooltip Identifier	Tooltip text for the StrikeThrough button
Image	Tooltip Identifier	Tooltip text for the Insert Image button
RemotelImage	Tooltip Identifier	Tooltip text for the Insert Image from remote server button
Table	Tooltip Identifier	Tooltip text for the Insert Table button
Spell Check	Tooltip Identifier	Tooltip text for the Spell Check button
Link	Tooltip Identifier	Tooltip text for the Insert / Edit Link button
HR	Tooltip Identifier	Tooltip text for the insert HR button
Text	Tooltip Identifier	Tooltip text for the text properties button
Cont ...		
[Toolbar3]	Toolbar Identifier	Sets the subsequent listing to be commands affecting the form element toolbar
Form	Tooltip Identifier	Tooltip text for the form properties button
TextField	Tooltip Identifier	Tooltip text for the Textfield button
Textarea	Tooltip Identifier	Tooltip text for the Textarea button
FileField	Tooltip Identifier	Tooltip text for the file field button
HiddenField	Tooltip Identifier	Tooltip text for the Hidden field button
ImageField	Tooltip Identifier	Tooltip text for the image field button
checkbox	Tooltip Identifier	Tooltip text for the checkbox button
dropdown	Tooltip Identifier	Tooltip text for the dropdown list button
Button	Tooltip Identifier	Tooltip text for the insert command button button
Submit	Tooltip Identifier	Tooltip text for the insert Submit button
Reset	Tooltip Identifier	Tooltip text for the insert reset button
Radio	Tooltip Identifier	Tooltip text for the insert radio button
[ContextMenus]	Context Menu Identifier	Sets the subsequent listing to be commands affecting the context menus
mnuTInsRow	Menu Option Identifier	right click table context menu – insert row
mntDelRow	Menu Option Identifier	right click table context menu – delete row
mnuTInsCol	Menu Option Identifier	right click table context menu – insert column
mnTDelCol	Menu Option Identifier	right click table context menu – delete column
mnuTProp	Menu Option Identifier	right click table context menu – table properties
MnuLinkCut	Menu Option Identifier	right click hyperlink context menu – cut link
MnuLinkCopy	Menu Option Identifier	right click hyperlink context menu – copy link
MnuLinkPaste	Menu Option Identifier	right click hyperlink context menu –

nBit HTML Editor Developers Reference (version 3.2)

Command string	Type	Description
		paste link
MnuLinkEdit	Menu Option Identifier	right click hyperlink context menu – edit link
mnuLinkRemove	Menu Option Identifier	right click hyperlink context menu – remove link
mnuMiscCut	Menu Option Identifier	right click miscellaneous context menu – Cut selection
mnuMiscCopy	Menu Option Identifier	right click miscellaneous context menu – Copy selection
mnuMiscPaste	Menu Option Identifier	right click miscellaneous context menu – Paste selection
mnuInsertLink	Menu Option Identifier	right click miscellaneous context menu – Insert Hyperlink
mnuMiscSource	Menu Option Identifier	right click miscellaneous context menu – Edit HTML source
mnuMiscRevert	Menu Option Identifier	right click miscellaneous context menu – Revert to previously saved
mnuImgCut	Menu Option Identifier	right click image context menu – Cut image
mnuImgCopy	Menu Option Identifier	right click image context menu – Copy image
mnuImgPaste	Menu Option Identifier	right click image context menu – Paste image
mnuImgLink	Menu Option Identifier	right click image context menu – Insert / Edit Link on image
MnuImgLinkRemove	Menu Option Identifier	right click image context menu – Remove Link from image
mnuImgProperties	Menu Option Identifier	right click image context menu – Open Image Properties Form
MnuToolProperties	Menu Option Identifier	Left Click DOM Toolbar menu – open properties window
MnuCellAction	Menu Option Identifier	Left Click DOM Toolbar menu – cell options parent menu item
MnuRowAction	Menu Option Identifier	Left Click DOM Toolbar menu – row options parent menu item
MnuRowActionDelete	Menu Option Identifier	Left Click DOM Toolbar menu – delete row
MnuCellActionDelete	Menu Option Identifier	Left Click DOM Toolbar menu – delete cell
MnuCellRowActionsInsertRowAbove	Menu Option Identifier	Left Click DOM Toolbar menu – insert row above
MnuCellRowActionsInsertRowBelow	Menu Option Identifier	Left Click DOM Toolbar menu – insert row below
MnuCellRowActionsMergeCellLeft	Menu Option Identifier	Left Click DOM Toolbar menu – merge cells left
MnuCellRowActionsMergeCellRight	Menu Option Identifier	Left Click DOM Toolbar menu – merge cells right
MnuCellRowActionsInsertCellBefore	Menu Option Identifier	Left Click DOM Toolbar menu – Insert cell before selected cell
MnuCellRowActionsInsertCellAfter	Menu Option Identifier	Left Click DOM Toolbar menu – insert cell after selected cell
MnuToolEditTag	Menu Option Identifier	Left Click DOM Toolbar menu – edit opening tag of element
mnuToolSetClass	Menu Option Identifier	Left Click DOM Toolbar menu – parent menu to the css class sub-menu

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Deploying the Control

Minimum System Requirements

All destination machines must meet the following criteria : -

Windows 98 or greater
Internet Explorer 6 Service Pack 1

Dependencies

Along with the **rmpHTML.ocx** (and rmpHTML.dll, AxrmpHTML.dll for .net developers) the following files must be included in your deployment scripts.

Visual Basic 6 Runtime Files SP6

and

mcomctl.ocx
comct332.ocx
richtx32.ocx

also

rHTMLEditor.lic (must be copied from your [x]:\program Files\nBit Information Technologies\HTML Editor OCX directory (or the directory you installed to) to the same folder you deploy the control to on the end-users' system. Without this this file your application will display a nag screen to the end-user every time the control is loaded).

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