

# Internet Explorer.Application

Definitions from the typelib [IWebBrowser2] which has the following brief documentation attached to: Web Browser Interface for IE4.

Created: 20020501 17:14:24

16 Normal Method[s]		
No.	Name	Documentation, Argument[s], Return Value
1	ClientToWindow	Converts client sizes into window sizes. returns: VT_VOID arg # 1 of 2: pcx in/out VT_PTR arg # 2 of 2: pcy in/out VT_PTR
2	ExecWB	IOleCommandTarget::Exec returns: VT_VOID arg # 1 of 4: cmdID in VT_USERDEFINED arg # 2 of 4: cmdexecopt in VT_USERDEFINED arg # 3 of 4: [pvaIn] in optional VT_PTR arg # 4 of 4: [pvaOut] in /out optional VT_PTR
3	GetProperty	Retrieve the Associated value for the property vtValue in the context of the object. returns: VT_VARIANT arg # 1 of 1: Property in VT_BSTR
4	GoBack	Navigates to the previous item in the history list. returns: VT_VOID
5	GoForward	Navigates to the next item in the history list. returns: VT_VOID
6	GoHome	Go home/start page. returns: VT_VOID
7	GoSearch	Go Search Page. returns: VT_VOID
8	Navigate	Navigates to a URL or file. returns: VT_VOID arg # 1 of 5: URL in VT_BSTR arg # 2 of 5: [Flags] in optional VT_PTR arg # 3 of 5: [TargetFrameName] in optional VT_PTR arg # 4 of 5: [PostData] in optional VT_PTR arg # 5 of 5: [Headers] in optional VT_PTR
9	Navigate2	Navigates to a URL or file or pidl. returns: VT_VOID arg # 1 of 5: URL in VT_PTR arg # 2 of 5: [Flags] in optional VT_PTR arg # 3 of 5: [TargetFrameName] in optional VT_PTR arg # 4 of 5: [PostData] in optional VT_PTR

		arg # 5 of 5: [Headers] in optional VT_PTR
10	PutProperty	Associates vtValue with the name szProperty in the context of the object. returns: VT_VOID arg # 1 of 2: Property in VT_BSTR arg # 2 of 2: vtValue in VT_VARIANT
11	QueryStatusWB	IoleCommandTarget::QueryStatus returns: VT_USERDEFINED arg # 1 of 1: cmdID in VT_USERDEFINED
12	Quit	Exits application and closes the open document. returns: VT_VOID
13	Refresh	Refresh the currently viewed page. returns: VT_VOID
14	Refresh2	Refresh the currently viewed page. returns: VT_VOID arg # 1 of 1: [Level] in optional VT_PTR
15	ShowBrowserBar	Set BrowserBar to Clsid returns: VT_VOID arg # 1 of 3: pvaClsid in VT_PTR arg # 2 of 3: [pvarShow] in optional VT_PTR arg # 3 of 3: [pvarSize] in optional VT_PTR
16	Stop	Stops opening a file. returns: VT_VOID

14 Read-only Properties		
No.	Name	Documentation, Argument[s], Return Value
1	Application	Returns the application automation object if accessible, this automation object otherwise.. returns: VT_DISPATCH
2	Busy	Query to see if something is still in progress. returns: VT_BOOL
3	Container	Returns the container/parent automation object, if any. returns: VT_DISPATCH
4	Document	Returns the active Document automation object, if any. returns: VT_DISPATCH
5	FullName	Returns file specification of the application, including path. returns: VT_BSTR
6	HWND	Returns the HWND of the current IE window. returns: VT_I4
7	LocationName	Gets the short (UI-friendly) name of the URL/file currently viewed. returns: VT_BSTR
8	LocationURL	Gets the full URL/path currently viewed. returns: VT_BSTR

9	Name	Returns name of the application. returns: VT_BSTR
10	Parent	Returns the automation object of the container/parent if one exists or this automation object. returns: VT_DISPATCH
11	Path	Returns the path to the application. returns: VT_BSTR
12	ReadyState	n/a returns: VT_USERDEFINED
13	TopLevelContainer	Returns True if this is the top level object. returns: VT_BOOL
14	Type	Returns the type of the contained document object. returns: VT_BSTR

0 Write-only Properties		
No.	Name	Documentation, Argument[s], Return Value

17 Read/Write Properties		
No.	Name	Documentation, Argument[s], Return Value
1	AddressBar	Controls whether address bar is shown returns: VT_BOOL
2	FullScreen	Maximizes window and turns off statusbar, toolbar, menubar, and titlebar. returns: VT_BOOL
3	Height	The vertical dimension (pixels) of the frame window/object. returns: VT_I4
4	Left	The horizontal position (pixels) of the frame window relative to the screen/container. returns: VT_I4
5	MenuBar	Controls whether menubar is shown. returns: VT_BOOL
6	Offline	Controls if the frame is offline (read from cache) returns: VT_BOOL
7	RegisterAsBrowser	Registers OC as a top-level browser (for target name resolution) returns: VT_BOOL
8	RegisterAsDropTarget	Registers OC as a drop target for navigation returns: VT_BOOL
9	Resizable	Controls whether the window is resizable returns: VT_BOOL
10	Silent	Controls if any dialog boxes can be shown returns: VT_BOOL
11	StatusBar	Turn on or off the statusbar.

		returns: VT_BOOL
12	StatusText	Text of Status window. returns: VT_BSTR
13	TheaterMode	Controls if the browser is in theater mode returns: VT_BOOL
14	ToolBar	Controls which toolbar is shown. returns: VT_INT
15	Top	The vertical position (pixels) of the frame window relative to the screen/container. returns: VT_I4
16	Visible	Determines whether the application is visible or hidden. returns: VT_BOOL
17	Width	The horizontal dimension (pixels) of the frame window/object. returns: VT_I4

### 0 Methods with Unknown Invocation Type Properties

No.	Name	Documentation, Argument[s], Return Value
-----	------	--

### 32 Event(s)

No.	Name	Documentation, Argument[s], Return Value
1	BeforeNavigate2	arg # 1 of 7: pDisp in VT_DISPATCH arg # 2 of 7: URL in VT_PTR arg # 3 of 7: Flags in VT_PTR arg # 4 of 7: TargetFrameName in VT_PTR arg # 5 of 7: postData in VT_PTR arg # 6 of 7: Headers in VT_PTR arg # 7 of 7: Cancel in /out VT_PTR
2	ClientToHostWindow	arg # 1 of 2: CX in /out VT_PTR arg # 2 of 2: CY in /out VT_PTR
3	CommandStateChange	arg # 1 of 2: Command in VT_I4 arg # 2 of 2: Enable in VT_BOOL
4	DocumentComplete	arg # 1 of 2: pDisp in VT_DISPATCH arg # 2 of 2: URL in VT_PTR
5	DownloadBegin	
6	DownloadComplete	
7	FileDownload	arg # 1 of 1: Cancel in /out VT_PTR
8	NavigateComplete2	arg # 1 of 2: pDisp in VT_DISPATCH arg # 2 of 2: URL in VT_PTR

9	NavigateError	arg # 1 of 5: pDisp in VT_DISPATCH arg # 2 of 5: URL in VT_PTR arg # 3 of 5: Frame in VT_PTR arg # 4 of 5: StatusCode in VT_PTR arg # 5 of 5: Cancel in/out VT_PTR
10	NewWindow2	arg # 1 of 2: ppDisp in/out VT_PTR arg # 2 of 2: Cancel in/out VT_PTR
11	OnFullScreen	arg # 1 of 1: FullScreen in VT_BOOL
12	OnMenuBar	arg # 1 of 1: MenuBar in VT_BOOL
13	OnQuit	
14	OnStatusBar	arg # 1 of 1: StatusBar in VT_BOOL
15	OnTheaterMode	arg # 1 of 1: TheaterMode in VT_BOOL
16	OnToolBar	arg # 1 of 1: ToolBar in VT_BOOL
17	OnVisible	arg # 1 of 1: Visible in VT_BOOL
18	PrintTemplateInstantiation	arg # 1 of 1: pDisp in VT_DISPATCH
19	PrintTemplateTeardown	arg # 1 of 1: pDisp in VT_DISPATCH
20	PrivacyImpactedStateChange	arg # 1 of 1: bImpacted in VT_BOOL
21	ProgressChange	arg # 1 of 2: Progress in VT_I4 arg # 2 of 2: ProgressMax in VT_I4
22	PropertyChange	arg # 1 of 1: szProperty in VT_BSTR
23	SetSecureLockIcon	arg # 1 of 1: SecureLockIcon in VT_I4
24	StatusTextChange	arg # 1 of 1: Text in VT_BSTR
25	TitleChange	arg # 1 of 1: Text in VT_BSTR
26	UpdatePageStatus	arg # 1 of 3: pDisp in VT_DISPATCH arg # 2 of 3: nPage in VT_PTR arg # 3 of 3: fDone in VT_PTR
27	WindowClosing	arg # 1 of 2: IsChildWindow in VT_BOOL arg # 2 of 2: Cancel in/out VT_PTR
28	WindowSetHeight	arg # 1 of 1: Height in VT_I4
29	WindowSetLeft	arg # 1 of 1: Left in VT_I4
30	WindowSetResizable	arg # 1 of 1: Resizable in VT_BOOL
31	WindowSetTop	arg # 1 of 1: Top in VT_I4

32	WindowSetWidth	arg # 1 of 1: Width in VT_I4
----	----------------	------------------------------

84 Constant(s)		
No.	Name	Value
1	CSC_NAVIGATEBACK	2
2	CSC_NAVIGATEFORWARD	1
3	CSC_UPDATECOMMANDS	-1
4	OLECMDEXECHOPT_DODEFAULT	0
5	OLECMDEXECHOPT_DONTPROMPTUSER	2
6	OLECMDEXECHOPT_PROMPTUSER	1
7	OLECMDEXECHOPT_SHOWHELP	3
8	OLECMDF_DEFHIDEONCTXTMENU	32
9	OLECMDF_ENABLED	2
10	OLECMDF_INVISIBLE	16
11	OLECMDF_LATCHED	4
12	OLECMDF_NINCHED	8
13	OLECMDF_SUPPORTED	1
14	OLECMDID_ALLOWUILESSSAVEAS	46
15	OLECMDID_CLEARSELECTION	18
16	OLECMDID_CLOSE	45
17	OLECMDID_COPY	12
18	OLECMDID_CUT	11
19	OLECMDID_DELETE	33
20	OLECMDID_DONTDOWNLOADCSS	47
21	OLECMDID_ENABLE_INTERACTION	36
22	OLECMDID_FIND	32
23	OLECMDID_GETPRINTTEMPLATE	52
24	OLECMDID_GETZOOMRANGE	20
25	OLECMDID_HIDETOOLBARS	24
26	OLECMDID_HTTPPEQUIV	34
27	OLECMDID_HTTPPEQUIV_DONE	35
28	OLECMDID_NEW	2
29	OLECMDID_ONTOOLBARACTIVATED	31
30	OLECMDID_ONUNLOAD	37

31	OLECMDID_OPEN	1
32	OLECMDID_PAGESETUP	8
33	OLECMDID_PASTE	13
34	OLECMDID_PASTESPECIAL	14
35	OLECMDID_PREREFRESH	39
36	OLECMDID_PRINT	6
37	OLECMDID_PRINT2	49
38	OLECMDID_PRINTPREVIEW	7
39	OLECMDID_PRINTPREVIEW2	50
40	OLECMDID_PROPERTIES	10
41	OLECMDID_PROPERTYBAG2	38
42	OLECMDID_REDO	16
43	OLECMDID_REFRESH	22
44	OLECMDID_SAVE	3
45	OLECMDID_SAVEAS	4
46	OLECMDID_SAVECOPYAS	5
47	OLECMDID_SELECTALL	17
48	OLECMDID_SETDOWNLOADSTATE	29
49	OLECMDID_SETPRINTTEMPLATE	51
50	OLECMDID_SETPROGRESSMAX	25
51	OLECMDID_SETPROGRESSPOS	26
52	OLECMDID_SETPROGRESSTEXT	27
53	OLECMDID_SETTITLE	28
54	OLECMDID_SHOWFIND	42
55	OLECMDID_SHOWMESSAGE	41
56	OLECMDID_SHOWPAGESETUP	43
57	OLECMDID_SHOWPRINT	44
58	OLECMDID_SHOWSCRIPTERROR	40
59	OLECMDID_SPELL	9
60	OLECMDID_STOP	23
61	OLECMDID_STOPDOWNLOAD	30
62	OLECMDID_UNDO	15
63	OLECMDID_UPDATECOMMANDS	21
64	OLECMDID_UPDATEPAGESTATUS	48
65	OLECMDID_ZOOM	19

66	READYSTATE_COMPLETE	4
67	READYSTATE_INTERACTIVE	3
68	READYSTATE_LOADED	2
69	READYSTATE_LOADING	1
70	READYSTATE_UNINITIALIZED	0
71	SECURELOCKICONMIXED	1
72	SECURELOCKICONSECURE128BIT	6
73	SECURELOCKICONSECURE40BIT	3
74	SECURELOCKICONSECURE56BIT	4
75	SECURELOCKICONSECUREFORTEZZA	5
76	SECURELOCKICONSECUREUNKNOWNBITS	2
77	SECURELOCKICONUNSECURE	0
78	SWC_3RDPARTY	2
79	SWC_BROWSER	1
80	SWC_CALLBACK	4
81	SWC_EXPLORER	0
82	SWFO_COOKIEPASSED	4
83	SWFO_INCLUDEPENDING	2
84	SWFO_NEEDDISPATCH	1