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# WebKit Reference Update

[Internet & Web](#) > [Cocoa](#)



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# Introduction to WebKit Reference Update

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This document summarizes the symbols that have been added to the WebKit framework. The full reference documentation notes in what version a symbol was introduced, but sometimes it's useful to see only the new symbols for a given release.

If you are not familiar with this framework you should refer to the complete framework reference documentation.

## Organization of This Document

Symbols are grouped by class or protocol for Objective-C and by header file for C. For each symbol there is a link to complete documentation, if available, and a brief description, if available.

## See Also

For reference documentation on this framework, see *WebKit Objective-C Framework Reference*.



# 10.5 Symbol Changes

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This article lists the symbols added to `WebKit.framework` in Mac OS X v10.5.

## Classes

All of the classes with new symbols are listed alphabetically, with their new class, instance, and delegate methods described.

### DOMCharacterData

---

Complete reference information is available in the [DOMCharacterData reference](#).

#### Instance Methods

---

<code>deleteData:length:</code>	
<code>insertData:data:</code>	
<code>replaceData:length:data:</code>	
<code>substringData:length:</code>	

### DOMCSSMediaRule

---

Complete reference information is available in the [DOMCSSMediaRule reference](#).

#### Instance Methods

---

<code>insertRule:index:</code>	
--------------------------------	--

### DOMCSSPrimitiveValue

---

Complete reference information is available in the [DOMCSSPrimitiveValue reference](#).

## Instance Methods

---

setFloatValue:floatValue:	
setStringValue:stringValue:	

## DOMCSSStyleDeclaration

---

Complete reference information is available in the [DOMCSSStyleDeclaration reference](#).

## Instance Methods

---

getPropertyShorthand:	
isPropertyImplicit:	
setProperty:value:priority:	

## DOMCSSStyleSheet

---

Complete reference information is available in the [DOMCSSStyleSheet reference](#).

## Instance Methods

---

insertRule:index:	
-------------------	--

## DOMDocument

---

Complete reference information is available in the [DOMDocument reference](#).

## Instance Methods

---

adoptNode:	
createAttributeNS:qualifiedName:	
createElementNS:qualifiedName:	
createExpression:resolver:	
createNodeIterator:whatToShow:filter: expandEntityReferences:	
createNSResolver:	

createProcessingInstruction:data:	
createTreeWalker:whatToShow:filter: expandEntityReferences:	
evaluate:contextNode:resolver:type:inResult:	
getComputedStyle:pseudoElement:	
getElementsByTagNameNS:localName:	
getMatchedCSSRules:pseudoElement:	
getMatchedCSSRules:pseudoElement:authorOnly:	
getOverrideStyle:pseudoElement:	
importNode:deep:	

## DOMElement

---

Complete reference information is available in the [DOMElement reference](#).

### Instance Methods

---

blur	
focus	
getAttributeNodeNS:localName:	
getAttributeNS:localName:	
getElementsByTagNameNS:localName:	
hasAttributeNS:localName:	
image	Returns an image associated with the receiver.
removeAttributeNS:localName:	
scrollIntoView:	
scrollIntoViewIfNeeded:	
setAttribute:value:	
setAttributeNS:qualifiedName:value:	

## DOMEvent

---

Complete reference information is available in the [DOMEvent reference](#).

### Instance Methods

---

<code>initEvent:canBubbleArg:cancelableArg:</code>
--

## DOMHTMLDocument

---

Complete reference information is available in the [DOMHTMLDocument reference](#).

### Instance Methods

---

<code>createDocumentFragmentWithMarkupString:baseUrl:</code>	Creates a document fragment containing the given HTML markup.
<code>createDocumentFragmentWithText:</code>	Creates a document fragment containing the given text.

## DOMHTMLMarqueeElement (New)

---

Complete reference information is available in the [DOMHTMLMarqueeElement reference](#).

### Instance Methods

---

<code>start</code>
--------------------

<code>stop</code>
-------------------

## DOMHTMLSelectElement

---

Complete reference information is available in the [DOMHTMLSelectElement reference](#).

### Instance Methods

---

<code>add:before:</code>
--------------------------

## DOMImplementation

---

Complete reference information is available in the [DOMImplementation reference](#).

### Instance Methods

---

<code>createCSSStyleSheet:media:</code>	
<code>createDocument:qualifiedName:doctype:</code>	
<code>createDocumentType:publicId:systemId:</code>	
<code>createHTMLDocument:</code>	
<code>hasFeature:version:</code>	

## DOMKeyboardEvent (New)

---

Complete reference information is available in the [DOMKeyboardEvent reference](#).

### Instance Methods

---

<code>getModifierState:</code>	
--------------------------------	--

## DOMMouseEvent

---

Complete reference information is available in the [DOMMouseEvent reference](#).

### Instance Methods

---

<code>initMouseEvent:canBubble:cancelable:view:detail: screenX:screenY:clientX:clientY:ctrlKey:altKey: shiftKey:metaKey:button:relatedTarget:</code>	
--	--

## DOMMutationEvent

---

Complete reference information is available in the [DOMMutationEvent reference](#).

### Instance Methods

---

<code>initMutationEvent:canBubble:cancelable: relatedNode:prevValue:newValue:attrName: attrChange:</code>	
---	--

## DOMNamedNodeMap

---

Complete reference information is available in the [DOMNamedNodeMap reference](#).

### Instance Methods

---

getNamedItemNS:localName:	
removeNamedItemNS:localName:	

## DOMNode

---

Complete reference information is available in the [DOMNode reference](#).

### Instance Methods

---

boundingBox	Returns a rectangle that bounds the onscreen rendering of the node.
insertBefore:refChild:	
isEqualNode:	
isSameNode:	
isSupported:version:	
lineBoxRects	Returns the rectangles that bound each line of text in the node.
replaceChild:oldChild:	

## DOMOverflowEvent (New)

---

Complete reference information is available in the [DOMOverflowEvent reference](#).

### Instance Methods

---

initOverflowEvent:horizontalOverflow: verticalOverflow:	
---	--

## DOMRange

---

Complete reference information is available in the [DOMRange reference](#).



## Instance Methods

---

<code>compareBoundaryPoints:sourceRange:</code>	
<code>setEnd:offset:</code>	
<code>setStart:offset:</code>	

## DOMUIEvent

---

Complete reference information is available in the [DOMUIEvent](#) reference.

## Instance Methods

---

<code>initUIEvent:canBubble:cancelable:view:detail:</code>	
--	--

## DOMXPathExpression (New)

---

Complete reference information is available in the [DOMXPathExpression](#) reference.

## Instance Methods

---

<code>evaluate:type:inResult:</code>	
--------------------------------------	--

## DOMXPathResult (New)

---

Complete reference information is available in the [DOMXPathResult](#) reference.

## Instance Methods

---

<code>iterateNext</code>	
<code>snapshotItem:</code>	

## NSObject

---

Complete reference information is available in the [NSObject](#) reference.

## Instance Methods

<code>webView:createWebViewModalDialogWithRequest:</code>	Creates a modal window containing a web view that loads the specified request.
<code>webView:didClearWindowObject:forFrame:</code>	Invoked when the JavaScript window object in a frame is ready for loading.
<code>webView:drawFooterInRect:</code>	Draws the web view's footer in the specified rectangle.
<code>webView:drawHeaderInRect:</code>	Draws the web view's header in the specified rectangle.
<code>webView:printFrameView:</code>	Prints the contents of a web frame view.
<code>webView:runBeforeUnloadConfirmPanelWithMessage:initiatedByFrame:</code>	Displays a confirmation panel containing the specified message before a window closes.
<code>webView:runJavaScriptAlertPanelWithMessage:initiatedByFrame:</code>	Displays a JavaScript alert panel containing the specified message.
<code>webView:runJavaScriptConfirmPanelWithMessage:initiatedByFrame:</code>	Displays a JavaScript confirmation panel with the specified message.
<code>webView:runJavaScriptTextInputPanelWithPrompt:defaultText:initiatedByFrame:</code>	Displays a JavaScript text input panel and returns the entered text.
<code>webViewFooterHeight:</code>	Returns the height of the web view's printed page footer.
<code>webViewHeaderHeight:</code>	Returns the height of the web view's printed page header.
<code>webViewRunModal:</code>	Displays a web view in a modal window.

## WebFrame

Complete reference information is available in the [WebFrame](#) reference.

## Instance Methods

<code>globalContext</code>	Returns the global JavaScript execution context for bridging between the WebKit and JavaScriptCore C API.
<code>windowObject</code>	Returns the JavaScript window object.

## WebView

---

Complete reference information is available in the [WebView](#) reference.

### Instance Methods

---

<code>canPrintHeadersAndFooters</code>	Returns a Boolean value indicating whether the receiver can print headers and footers.
<code>documentViewShouldHandlePrint</code>	Returns a Boolean value indicating whether the document view should handle a print operation.
<code>printDocumentView</code>	Prints the receiver.
<code>printOperationWithPrintInfo:</code>	Returns a print operation object to print this frame.

## WebPreferences

---

Complete reference information is available in the [WebPreferences](#) reference.

### Instance Methods

---

<code>setUsesPageCache:</code>	Sets whether the web views associated with the receiver should use the shared page cache.
<code>usesPageCache</code>	Returns whether the web views associated with the receiver should use the shared page cache.

## WebScriptObject

---

Complete reference information is available in the [WebScriptObject](#) reference.

### Instance Methods

---

<code>JSObject</code>	Returns the JavaScript object corresponding to the receiver.
-----------------------	--

## WebView

---

Complete reference information is available in the [WebView](#) reference.

## Class Methods

<code>registerURLSchemeAsLocal:</code>	Adds the specified URL scheme to the list of local schemes.
--	---

## Instance Methods

<code>canMakeTextStandardSize</code>	Returns whether the current text size is a multiple of 1.
<code>close</code>	Closes the web view when it's no longer needed.
<code>drawsBackground</code>	Returns whether the web view draws a background.
<code>isLoading</code>	Returns whether the web view is loading content.
<code>mainFrameDocument</code>	Returns the DOM document for the main frame.
<code>mainFrameIcon</code>	Returns the site's favicon.
<code>mainFrameTitle</code>	Returns the HTML title of the loaded page.
<code>mainFrameURL</code>	Returns the URL that the main frame loads.
<code>maintainsInactiveSelection</code>	Returns whether the selection is maintained when focus is lost.
<code>makeTextStandardSize:</code>	Resets the text size to a multiple of 1.
<code>moveToBeginningOfSentence:</code>	Moves the insertion point to the beginning of the current sentence.
<code>moveToBeginningOfSentenceAndModifySelection:</code>	Moves the insertion point and extends the selection to the beginning of the current sentence.
<code>moveToEndOfSentence:</code>	Moves the insertion point to the end of the current sentence.
<code>moveToEndOfSentenceAndModifySelection:</code>	Moves the insertion point and extends the selection to the end of the current sentence.
<code>selectedFrame</code>	Returns the frame with the active selection.
<code>selectSentence:</code>	Selects the entire sentence around the insertion point.
<code>setDrawsBackground:</code>	Sets whether a default background is drawn when the webpage has no background set.

<code>setMainFrameURL:</code>	Sets the URL that the main frame loads.
<code>setShouldCloseWithWindow:</code>	Sets whether the web view should close when its window or host window closes.
<code>shouldCloseWithWindow</code>	Returns whether the web view should close when its window or host window closes.
<code>toggleContinuousSpellChecking:</code>	Toggles whether continuous spell checking is available.
<code>toggleSmartInsertDelete:</code>	Toggles whether spaces around selected words are inserted or deleted to preserve proper spacing and punctuation.

## Protocols

All of the protocols with new symbols are listed alphabetically, with their new methods described.

### DOMEventTarget

---

Complete reference information is available in the `DOMEventTarget` reference.

#### Instance Methods

---

<code>addEventListener:listener:useCapture:</code>	
<code>removeEventListener:listener:useCapture:</code>	

### DOMXPathNSResolver (New)

---

Complete reference information is available in the `DOMXPathNSResolver` reference.

#### Instance Methods

---

<code>lookupNamespaceURI:</code>	
----------------------------------	--

## C Symbols

All of the header files with new symbols are listed alphabetically, with their new symbols described.

## DOMHTMLLinkElement.h

---

### Functions

---

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

bogusMethod:	
--------------	--

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

absoluteLinkURL	
-----------------	--

href	
------	--

hreflang	
----------	--

rel	
-----	--

rev	
-----	--

## DOMHTMLOptionsCollection.h

---

### Functions

---

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

item:	
-------	--

namedItem:	
------------	--

## DOMRangeException.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

DOMRangeExceptionCode	
-----------------------	--

## DOMXPathException.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

DOMXPathException	
DOMXPathExceptionCode	

## npapi.h

---

### Functions

---

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

NPN_PopPopupsEnabledState	
NPN_PushPopupsEnabledState	

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

NPCGRegion	
NPDrawingModel	
NPDrawingModelCoreGraphics	
NPDrawingModelOpenGL	
NPDrawingModelQuickDraw	
NPNVpluginDrawingModel	
NPNVsupportsCoreGraphicsBool	
NPNVsupportsOpenGLBool	
NPNVsupportsQuickDrawBool	
NPPVformValue	
NPQDRegion	

## npfunctions.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

enumerate	
NPN_EnumerateProcPtr	
NPN_PopPopupsEnabledStateProcPtr	
NPN_PushPopupsEnabledStateProcPtr	
poppopupsenabledstate	
pushpopupsenabledstate	

## npruntime.h

---

### Functions

---

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

NPN_Enumerate	
---------------	--

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

NPEnumerationFunctionPtr	
--------------------------	--

## WebUIDelegate.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebMenuItemPDFActualSize	Display a PDF document at its original size.
--------------------------	--



## 10.5 Symbol Changes

WebMenuItemPDFAutoSize	Display a PDF document at a user-specified size.
WebMenuItemPDFContinuous	Display all pages in a PDF document continuously, using a vertical scroll bar, if necessary.
WebMenuItemPDFFacingPages	Display a PDF document two pages at a time.
WebMenuItemPDFNextPage	Display the next page of a PDF document.
WebMenuItemPDFPreviousPage	Display the previous page of a PDF document.
WebMenuItemPDFSinglePage	Display a PDF document one page at a time.
WebMenuItemPDFZoomIn	Scale up a PDF document.
WebMenuItemPDFZoomOut	Scale down a PDF document.
WebMenuItemTagLookUpInDictionary	Look up the current selection in the Dictionary.
WebMenuItemTagOpenWithDefaultApplication	Open the current selection using the default application.
WebMenuItemTagSearchInSpotlight	Search SpotLight for the current selection.
WebMenuItemTagSearchWeb	Search the web for the current selection.



# 10.4 Symbol Changes

---

This article lists the symbols added to `WebKit.framework` in Mac OS X v10.4.

## Classes

All of the classes with new symbols are listed alphabetically, with their new class, instance, and delegate methods described.

### DOMAbstractView (New)

---

Complete reference information is available in the [DOMAbstractView](#) reference.

#### Instance Methods

---

document	
----------	--

### DOMAttr (New)

---

Complete reference information is available in the [DOMAttr](#) reference.

#### Instance Methods

---

name	
ownerElement	
setValue:	
specified	
value	

### DOMCharacterData (New)

---

Complete reference information is available in the [DOMCharacterData](#) reference.

### Instance Methods

---

appendData:	
data	
length	
setData:	

### DOMCounter (New)

---

Complete reference information is available in the [DOMCounter reference](#).

### Instance Methods

---

identifier	
listStyle	
separator	

### DOMCSSCharsetRule (New)

---

Complete reference information is available in the [DOMCSSCharsetRule reference](#).

### Instance Methods

---

encoding	
----------	--

### DOMCSSFontFaceRule (New)

---

Complete reference information is available in the [DOMCSSFontFaceRule reference](#).

### Instance Methods

---

style	
-------	--

### DOMCSSImportRule (New)

---

Complete reference information is available in the [DOMCSSImportRule reference](#).

### Instance Methods

---

href	
media	
styleSheet	

### DOMCSSMediaRule (New)

---

Complete reference information is available in the [DOMCSSMediaRule reference](#).

### Instance Methods

---

cssRules	
deleteRule:	
media	

### DOMCSSPageRule (New)

---

Complete reference information is available in the [DOMCSSPageRule reference](#).

### Instance Methods

---

selectorText	
setSelectorText:	
style	

### DOMCSSPrimitiveValue (New)

---

Complete reference information is available in the [DOMCSSPrimitiveValue reference](#).

### Instance Methods

---

getCounterValue	
getFloatValue:	
getRectValue	

getRGBColorValue	
getStringValue	
primitiveType	

## DOMCSSRule (New)

---

Complete reference information is available in the [DOMCSSRule](#) reference.

### Instance Methods

---

cssText	
parentRule	
parentStyleSheet	
setCssText:	
type	

## DOMCSSRuleList (New)

---

Complete reference information is available in the [DOMCSSRuleList](#) reference.

### Instance Methods

---

item:	
length	

## DOMCSSStyleDeclaration (New)

---

Complete reference information is available in the [DOMCSSStyleDeclaration](#) reference.

### Instance Methods

---

azimuth	
background	
backgroundAttachment	
backgroundColor	

## 10.4 Symbol Changes

backgroundImage	
backgroundPosition	
backgroundRepeat	
border	
borderBottom	
borderBottomColor	
borderBottomStyle	
borderBottomWidth	
borderCollapse	
borderColor	
borderLeft	
borderLeftColor	
borderLeftStyle	
borderLeftWidth	
borderRight	
borderRightColor	
borderRightStyle	
borderRightWidth	
borderSpacing	
borderStyle	
borderTop	
borderTopColor	
borderTopStyle	
borderTopWidth	
borderWidth	
bottom	
captionSide	
clear	

## 10.4 Symbol Changes

clip	
color	
content	
counterIncrement	
counterReset	
cssFloat	
cssText	
cue	
cueAfter	
cueBefore	
cursor	
direction	
display	
elevation	
emptyCells	
font	
fontFamily	
fontSize	
fontSizeAdjust	
fontStretch	
fontStyle	
fontVariant	
fontWeight	
getPropertyCSSValue:	
getPropertyPriority:	
getPropertyValue:	
height	
item:	



## 10.4 Symbol Changes

left	
length	
letterSpacing	
lineHeight	
listStyle	
listStyleImage	
listStylePosition	
listStyleType	
margin	
marginBottom	
marginLeft	
marginRight	
marginTop	
markerOffset	
marks	
maxHeight	
maxWidth	
minHeight	
minWidth	
orphans	
outline	
outlineColor	
outlineStyle	
outlineWidth	
overflow	
padding	
paddingBottom	
paddingLeft	

## 10.4 Symbol Changes

paddingRight	
paddingTop	
page	
pageBreakAfter	
pageBreakBefore	
pageBreakInside	
parentRule	
pause	
pauseAfter	
pauseBefore	
pitch	
pitchRange	
playDuring	
position	
quotes	
removeProperty:	
richness	
right	
setAzimuth:	
setBackground:	
setBackgroundAttachment:	
setBackground-color:	
setBackgroundImage:	
setBackgroundPosition:	
setBackgroundRepeat:	
setBorder:	
setBorderBottom:	
setBorderBottomColor:	

## 10.4 Symbol Changes

<code>setBorderBottomStyle:</code>	
<code>setBorderBottomWidth:</code>	
<code>setBorderCollapse:</code>	
<code>setBorderColor:</code>	
<code>setBorderLeft:</code>	
<code>setBorderLeftColor:</code>	
<code>setBorderLeftStyle:</code>	
<code>setBorderLeftWidth:</code>	
<code>setBorderRight:</code>	
<code>setBorderRightColor:</code>	
<code>setBorderRightStyle:</code>	
<code>setBorderRightWidth:</code>	
<code>setBorderSpacing:</code>	
<code>setBorderStyle:</code>	
<code>setBorderTop:</code>	
<code>setBorderTopColor:</code>	
<code>setBorderTopStyle:</code>	
<code>setBorderTopWidth:</code>	
<code>setBorderWidth:</code>	
<code>setBottom:</code>	
<code>setCaptionSide:</code>	
<code>setClear:</code>	
<code>setClip:</code>	
<code>setColor:</code>	
<code>setContent:</code>	
<code>setCounterIncrement:</code>	
<code>setCounterReset:</code>	
<code>setCssFloat:</code>	

## 10.4 Symbol Changes

setCssText:	
setCue:	
setCueAfter:	
setCueBefore:	
setCursor:	
setDirection:	
setDisplay:	
setElevation:	
setEmptyCells:	
setFont:	
setFontFamily:	
setFontSize:	
setFontSizeAdjust:	
setFontStretch:	
setFontStyle:	
setFontVariant:	
setFontWeight:	
setHeight:	
setLeft:	
setLetterSpacing:	
setLineHeight:	
setListStyle:	
setListStyleImage:	
setListStylePosition:	
setListStyleType:	
setMargin:	
setMarginBottom:	
setMarginLeft:	

## 10.4 Symbol Changes

setMarginRight:	
setMarginTop:	
setMarkerOffset:	
setMarks:	
setMaxHeight:	
setMaxWidth:	
setMinHeight:	
setMinWidth:	
setOrphans:	
setOutline:	
setOutlineColor:	
setOutlineStyle:	
setOutlineWidth:	
setOverflow:	
setPadding:	
setPaddingBottom:	
setPaddingLeft:	
setPaddingRight:	
setPaddingTop:	
setPage:	
setPageBreakAfter:	
setPageBreakBefore:	
setPageBreakInside:	
setPause:	
setPauseAfter:	
setPauseBefore:	
setPitch:	
setPitchRange:	

## 10.4 Symbol Changes

setPlayDuring:	
setPosition:	
setQuotes:	
setRichness:	
setRight:	
setSize:	
setSpeak:	
setSpeakHeader:	
setSpeakNumeral:	
setSpeakPunctuation:	
setSpeechRate:	
setStress:	
setTableLayout:	
setTextAlign:	
setTextDecoration:	
setTextIndent:	
setTextShadow:	
setTextTransform:	
setTop:	
setUnicodeBidi:	
setVerticalAlign:	
setVisibility:	
setVoiceFamily:	
setVolume:	
setWhiteSpace:	
setWidows:	
setWidth:	
setWordSpacing:	

setZIndex:	
size	
speak	
speakHeader	
speakNumeral	
speakPunctuation	
speechRate	
stress	
tableLayout	
textAlign	
textDecoration	
textIndent	
textShadow	
textTransform	
top	
unicodeBidi	
verticalAlign	
visibility	
voiceFamily	
volume	
whiteSpace	
widows	
width	
wordSpacing	
zIndex	

## DOMCSSStyleRule (New)

---

Complete reference information is available in the [DOMCSSStyleRule reference](#).

### Instance Methods

---

selectorText	
setSelectorText:	
style	

### DOMCSSStyleSheet (New)

---

Complete reference information is available in the [DOMCSSStyleSheet](#) reference.

### Instance Methods

---

cssRules	
deleteRule:	
ownerRule	

### DOMCSSValue (New)

---

Complete reference information is available in the [DOMCSSValue](#) reference.

### Instance Methods

---

cssText	
cssValueType	
setCssText:	

### DOMCSSValueList (New)

---

Complete reference information is available in the [DOMCSSValueList](#) reference.

### Instance Methods

---

item:	
length	



## DOMDocument (New)

---

Complete reference information is available in the [DOMDocument reference](#).

### Instance Methods

---

<code>createAttribute:</code>	
<code>createCDATASection:</code>	
<code>createComment:</code>	
<code>createCSSStyleDeclaration</code>	
<code>createDocumentFragment</code>	
<code>createElement:</code>	
<code>createEntityReference:</code>	
<code>createEvent:</code>	
<code>createRange</code>	
<code>createTextNode:</code>	
<code>defaultView</code>	
<code>doctype</code>	
<code>documentElement</code>	
<code>getElementById:</code>	
<code>getElementsByTagName:</code>	
<code>implementation</code>	
<code>styleSheets</code>	
<code>URLWithAttributeString:</code>	Constructs a URL given an attribute string.
<code>webFrame</code>	Returns the web frame of the DOM document.

## DOMDocumentType (New)

---

Complete reference information is available in the [DOMDocumentType reference](#).

## Instance Methods

---

entities	
internalSubset	
name	
notations	
publicId	
systemId	

## DOMElement (New)

---

Complete reference information is available in the [DOMElement reference](#).

## Instance Methods

---

getAttribute:	
getAttributeNode:	
getElementsByTagName:	
hasAttribute:	
removeAttribute:	
removeAttributeNode:	
setAttributeNode:	
setAttributeNodeNS:	
style	
tagName	

## DOMEntity (New)

---

Complete reference information is available in the [DOMEntity reference](#).

## Instance Methods

---

notationName	
--------------	--

publicId	
systemId	

## DOMEvent (New)

---

Complete reference information is available in the [DOMEvent reference](#).

### Instance Methods

---

bubbles	
cancelable	
currentTarget	
eventPhase	
preventDefault	
stopPropagation	
target	
timeStamp	
type	

## DOMHTMLAnchorElement (New)

---

Complete reference information is available in the [DOMHTMLAnchorElement reference](#).

### Instance Methods

---

accessKey	
blur	
charset	
coords	
focus	
href	
hreflang	

name	
rel	
rev	
setAccessKey:	
setCharset:	
setCoords:	
setHref:	
setHreflang:	
setName:	
setRel:	
setRev:	
setShape:	
setTabIndex:	
setTarget:	
setType:	
shape	
tabIndex	
target	
type	

## DOMHTMLAppletElement (New)

---

Complete reference information is available in the [DOMHTMLAppletElement reference](#).

### Instance Methods

---

align	
alt	
archive	
code	

codeBase	
height	
hspace	
name	
object	
setAlign:	
setAlt:	
setArchive:	
setCode:	
setCodeBase:	
setHeight:	
setHspace:	
setName:	
setObject:	
setVspace:	
setWidth:	
vspace	
width	

## DOMHTMLAreaElement (New)

---

Complete reference information is available in the [DOMHTMLAreaElement reference](#).

### Instance Methods

---

accessKey	
alt	
coords	
href	
noHref	

setAccessKey:	
setAlt:	
setCoords:	
setHref:	
setNoHref:	
setShape:	
setTabIndex:	
setTarget:	
shape	
tabIndex	
target	

## DOMHTMLBaseElement (New)

---

Complete reference information is available in the [DOMHTMLBaseElement reference](#).

### Instance Methods

---

href	
setHref:	
setTarget:	
target	

## DOMHTMLBaseFontElement (New)

---

Complete reference information is available in the [DOMHTMLBaseFontElement reference](#).

### Instance Methods

---

color	
face	
setColor:	

setFace:	
setSize:	
size	

## DOMHTMLBodyElement (New)

---

Complete reference information is available in the [DOMHTMLBodyElement reference](#).

### Instance Methods

---

aLink	
background	
bgColor	
link	
setALink:	
setBackground:	
setBgColor:	
setLink:	
setText:	
setVLink:	
text	
vLink	

## DOMHTMLBRElement (New)

---

Complete reference information is available in the [DOMHTMLBRElement reference](#).

### Instance Methods

---

clear	
setClear:	

## DOMHTMLButtonElement (New)

---

Complete reference information is available in the [DOMHTMLButtonElement reference](#).

### Instance Methods

---

accessKey	
disabled	
form	
name	
setAccessKey:	
setDisabled:	
setName:	
setTabIndex:	
setValue:	
tabIndex	
type	
value	

## DOMHTMLCollection (New)

---

Complete reference information is available in the [DOMHTMLCollection reference](#).

### Instance Methods

---

item:	
length	
namedItem:	

## DOMHTMLDirectoryElement (New)

---

Complete reference information is available in the [DOMHTMLDirectoryElement reference](#).



### Instance Methods

---

compact	
setCompact:	

### DOMHTMLDivElement (New)

---

Complete reference information is available in the [DOMHTMLDivElement](#) reference.

### Instance Methods

---

align	
setAlign:	

### DOMHTMLDListElement (New)

---

Complete reference information is available in the [DOMHTMLDListElement](#) reference.

### Instance Methods

---

compact	
setCompact:	

### DOMHTMLDocument (New)

---

Complete reference information is available in the [DOMHTMLDocument](#) reference.

### Instance Methods

---

anchors	
applets	
body	
close	
cookie	
domain	

forms	
getElementById:	
getElementsByName:	
images	
links	
open	
referrer	
setBody:	
setCookie:	
setTitle:	
title	
URL	
write:	
writeln:	

## DOMHTML**E**lement (New)

---

Complete reference information is available in the [DOMHTML\*\*E\*\*lement reference](#).

### Instance Methods

---

children	
className	
contentEditable	
dir	
idName	
innerHTML	
innerText	
isContentEditable	
lang	

outerHTML	
outerText	
setClassName:	
setContentEditable:	
setDir:	
setIdName:	
setInnerHTML:	
setInnerText:	
setLang:	
setOuterHTML:	
setOuterText:	
setTitle:	
title	

## DOMHTMLEmbedElement (New)

---

Complete reference information is available in the [DOMHTMLEmbedElement reference](#).

### Instance Methods

---

align	
height	
name	
setAlign:	
setHeight:	
setName:	
setSrc:	
setType:	
setWidth:	
src	

type	
width	

## DOMHTMLFieldSetElement (New)

---

Complete reference information is available in the [DOMHTMLFieldSetElement reference](#).

### Instance Methods

---

form	
------	--

## DOMHTMLFontElement (New)

---

Complete reference information is available in the [DOMHTMLFontElement reference](#).

### Instance Methods

---

color	
face	
setColor:	
setFace:	
setSize:	
size	

## DOMHTMLFormElement (New)

---

Complete reference information is available in the [DOMHTMLFormElement reference](#).

### Instance Methods

---

acceptCharset	
action	
elements	
enctype	
length	

method	
name	
reset	
setAcceptCharset:	
setAction:	
setEnctype:	
setMethod:	
setName:	
setTarget:	
submit	
target	

## DOMHTMLFrameElement (New)

---

Complete reference information is available in the [DOMHTMLFrameElement reference](#).

### Instance Methods

---

contentDocument	
contentFrame	Returns the content frame of the element.
frameBorder	
longDesc	
marginHeight	
marginWidth	
name	
noResize	
scrolling	
setFrameBorder:	
setLongDesc:	
setMarginHeight:	

setMarginWidth:	
setName:	
setNoResize:	
setScrolling:	
setSrc:	
src	

## DOMHTMLFrameSetElement (New)

---

Complete reference information is available in the [DOMHTMLFrameSetElement reference](#).

### Instance Methods

---

cols	
rows	
setCols:	
setRows:	

## DOMHTMLHeadElement (New)

---

Complete reference information is available in the [DOMHTMLHeadElement reference](#).

### Instance Methods

---

profile	
setProfile:	

## DOMHTMLHeadingElement (New)

---

Complete reference information is available in the [DOMHTMLHeadingElement reference](#).

### Instance Methods

---

align	
setAlign:	

## DOMHTMLHRElement (New)

---

Complete reference information is available in the [DOMHTMLHRElement reference](#).

### Instance Methods

---

align	
noShade	
setAlign:	
setNoShade:	
setSize:	
setWidth:	
size	
width	

## DOMHTMLHtmlElement (New)

---

Complete reference information is available in the [DOMHTMLHtmlElement reference](#).

### Instance Methods

---

setVersion:	
version	

## DOMHTMLIFrameElement (New)

---

Complete reference information is available in the [DOMHTMLIFrameElement reference](#).

### Instance Methods

---

align	
contentDocument	
contentFrame	Returns the content frame of the element.
frameBorder	

height	
longDesc	
marginHeight	
marginWidth	
name	
scrolling	
setAlign:	
setFrameBorder:	
setHeight:	
setLongDesc:	
setMarginHeight:	
setMarginWidth:	
setName:	
setScrolling:	
setSrc:	
setWidth:	
src	
width	

## DOMHTMLImageElement (New)

---

Complete reference information is available in the [DOMHTMLImageElement reference](#).

### Instance Methods

---

align	
alt	
border	
height	
hspace	



isMap	
longDesc	
name	
setAlign:	
setAlt:	
setBorder:	
setHeight:	
setHspace:	
setIsMap:	
setLongDesc:	
setName:	
setSrc:	
setUseMap:	
setVspace:	
setWidth:	
src	
useMap	
vspace	
width	

## DOMHTMLInputElement (New)

---

Complete reference information is available in the [DOMHTMLInputElement reference](#).

### Instance Methods

---

accept	
accessKey	
align	
alt	

## 10.4 Symbol Changes

blur	
checked	
click	
defaultChecked	
defaultValue	
disabled	
focus	
form	
maxLength	
name	
readOnly	
select	
setAccept:	
setAccessKey:	
setAlign:	
setAlt:	
setChecked:	
setDefaultChecked:	
setDefaultValue:	
setDisabled:	
setMaxLength:	
setName:	
setReadOnly:	
setSize:	
setSrc:	
setTabIndex:	
setType:	
setUseMap:	

setValue:	
size	
src	
tabIndex	
type	
useMap	
value	

## DOMHTMLInputElement (New)

---

Complete reference information is available in the [DOMHTMLInputElement reference](#).

### Instance Methods

---

form	
prompt	
setPrompt:	

## DOMHTMLLabelElement (New)

---

Complete reference information is available in the [DOMHTMLLabelElement reference](#).

### Instance Methods

---

accessKey	
form	
htmlFor	
setAccessKey:	
setHtmlFor:	

## DOMHTMLLegendElement (New)

---

Complete reference information is available in the [DOMHTMLLegendElement reference](#).

### Instance Methods

---

accessKey	
align	
form	
setAccessKey:	
setAlign:	

### DOMHTMLLIElement (New)

---

Complete reference information is available in the [DOMHTMLLIElement reference](#).

### Instance Methods

---

setType:	
setValue:	
type	
value	

### DOMHTMLLinkElement (New)

---

Complete reference information is available in the [DOMHTMLLinkElement reference](#).

### Instance Methods

---

charset	
disabled	
href	
hreflang	
media	
rel	
rev	
setCharset:	

setDisabled:	
setHref:	
setHreflang:	
setMedia:	
setRel:	
setRev:	
setTarget:	
setType:	
target	
type	

## DOMHTMLMapElement (New)

---

Complete reference information is available in the [DOMHTMLMapElement reference](#).

### Instance Methods

---

areas	
name	
setName:	

## DOMHTMLMenuElement (New)

---

Complete reference information is available in the [DOMHTMLMenuElement reference](#).

### Instance Methods

---

compact	
setCompact:	

## DOMHTMLMetaElement (New)

---

Complete reference information is available in the [DOMHTMLMetaElement reference](#).

### Instance Methods

---

content	
httpEquiv	
name	
scheme	
setContent:	
setHttpEquiv:	
setName:	
setScheme:	

### DOMHTMLModElement (New)

---

Complete reference information is available in the [DOMHTMLModElement reference](#).

### Instance Methods

---

cite	
dateTime	
setCite:	
setDateTime:	

### DOMHTMLObjectElement (New)

---

Complete reference information is available in the [DOMHTMLObjectElement reference](#).

### Instance Methods

---

align	
archive	
border	
code	
codeBase	

## 10.4 Symbol Changes

codeType	
contentDocument	
contentFrame	Returns the content frame of the element.
data	
declare	
form	
height	
hspace	
name	
setAlign:	
setArchive:	
setBorder:	
setCode:	
setCodeBase:	
setCodeType:	
setData:	
setDeclare:	
setHeight:	
setHspace:	
setName:	
setStandby:	
setTabIndex:	
setType:	
setUseMap:	
setVspace:	
setWidth:	
standby	
tabIndex	

type	
useMap	
vspace	
width	

## DOMHTMLListElement (New)

---

Complete reference information is available in the [DOMHTMLListElement reference](#).

### Instance Methods

---

compact	
setCompact:	
setStart:	
setType:	
start	
type	

## DOMHTMLOptGroupElement (New)

---

Complete reference information is available in the [DOMHTMLOptGroupElement reference](#).

### Instance Methods

---

disabled	
label	
setDisabled:	
setLabel:	

## DOMHTMLOptionElement (New)

---

Complete reference information is available in the [DOMHTMLOptionElement reference](#).



### Instance Methods

---

defaultSelected	
disabled	
form	
index	
label	
selected	
setDefaultSelected:	
setDisabled:	
setLabel:	
setSelected:	
setValue:	
text	
value	

### DOMHTMLOptionsCollection (New)

---

Complete reference information is available in the [DOMHTMLOptionsCollection reference](#).

### Instance Methods

---

item:	
length	
namedItem:	
setLength:	

### DOMHTMLParagraphElement (New)

---

Complete reference information is available in the [DOMHTMLParagraphElement reference](#).

### Instance Methods

---

align	
setAlign:	

### DOMHTMLParamElement (New)

---

Complete reference information is available in the [DOMHTMLParamElement reference](#).

### Instance Methods

---

name	
setName:	
setType:	
setValue:	
setValueType:	
type	
value	
valueType	

### DOMHTMLPreElement (New)

---

Complete reference information is available in the [DOMHTMLPreElement reference](#).

### Instance Methods

---

setWidth:	
width	

### DOMHTMLQuoteElement (New)

---

Complete reference information is available in the [DOMHTMLQuoteElement reference](#).

### Instance Methods

---

<code>cite</code>	
<code>setCite:</code>	

## DOMHTMLScriptElement (New)

---

Complete reference information is available in the [DOMHTMLScriptElement reference](#).

### Instance Methods

---

<code>charset</code>	
<code>defer</code>	
<code>event</code>	
<code>htmlFor</code>	
<code>setCharset:</code>	
<code>setDefer:</code>	
<code>setEvent:</code>	
<code>setHtmlFor:</code>	
<code>setSrc:</code>	
<code>setText:</code>	
<code>setType:</code>	
<code>src</code>	
<code>text</code>	
<code>type</code>	

## DOMHTMLSelectElement (New)

---

Complete reference information is available in the [DOMHTMLSelectElement reference](#).

### Instance Methods

---

<code>blur</code>	
-------------------	--

disabled	
focus	
form	
length	
multiple	
name	
options	
remove:	
selectedIndex	
setDisabled:	
setMultiple:	
setName:	
setSelectedIndex:	
setSize:	
setTabIndex:	
setValue:	
size	
tabIndex	
type	
value	

## DOMHTMLStyleElement (New)

---

Complete reference information is available in the [DOMHTMLStyleElement reference](#).

### Instance Methods

---

disabled	
media	
setDisabled:	

setMedia:	
setType:	
type	

## DOMHTMLTableCaptionElement (New)

---

Complete reference information is available in the [DOMHTMLTableCaptionElement reference](#).

### Instance Methods

---

align	
setAlign:	

## DOMHTMLTableCellElement (New)

---

Complete reference information is available in the [DOMHTMLTableCellElement reference](#).

### Instance Methods

---

abbr	
align	
axis	
bgColor	
cellIndex	
ch	
chOff	
colSpan	
headers	
height	
noWrap	
rowSpan	
scope	

setAbbr:	
setAlign:	
setAxis:	
setBgColor:	
setCh:	
setChOff:	
setColSpan:	
setHeaders:	
setHeight:	
setNoWrap:	
setRowSpan:	
setScope:	
setVAlign:	
setWidth:	
vAlign	
width	

## DOMHTMLTableColElement (New)

---

Complete reference information is available in the [DOMHTMLTableColElement reference](#).

### Instance Methods

---

align	
ch	
chOff	
setAlign:	
setCh:	
setChOff:	
setSpan:	

setVAlign:	
setWidth:	
span	
vAlign	
width	

## DOMHTMLTableElement (New)

---

Complete reference information is available in the [DOMHTMLTableElement reference](#).

### Instance Methods

---

align	
bgColor	
border	
caption	
cellPadding	
cellSpacing	
createCaption	
createTFoot	
createTHead	
deleteCaption	
deleteRow:	
deleteTFoot	
deleteTHead	
frameBorders	
insertRow:	
rows	
rules	
setAlign:	

setBgColor:	
setBorder:	
setCaption:	
setCellPadding:	
setCellSpacing:	
setFrameBorders:	
setRules:	
setSummary:	
setTFoot:	
setThead:	
setWidth:	
summary	
tBodies	
tFoot	
tHead	
width	

## DOMHTMLTableRowElement (New)

---

Complete reference information is available in the [DOMHTMLTableRowElement reference](#).

### Instance Methods

---

align	
bgColor	
cells	
ch	
chOff	
deleteCell:	
insertCell:	



rowIndex	
sectionRowIndex	
setAlign:	
setBgColor:	
setCh:	
setChOff:	
setVAlign:	
vAlign	

## DOMHTMLTableSectionElement (New)

---

Complete reference information is available in the [DOMHTMLTableSectionElement reference](#).

### Instance Methods

---

align	
ch	
chOff	
deleteRow:	
insertRow:	
rows	
setAlign:	
setCh:	
setChOff:	
setVAlign:	
vAlign	

## DOMHTMLTextAreaElement (New)

---

Complete reference information is available in the [DOMHTMLTextAreaElement reference](#).

## Instance Methods

---

accessKey	
blur	
cols	
defaultValue	
disabled	
focus	
form	
name	
readOnly	
rows	
select	
setAccessKey:	
setCols:	
setDefaultValue:	
setDisabled:	
setName:	
setReadOnly:	
setRows:	
setTabIndex:	
setValue:	
tabIndex	
type	
value	

## DOMHTMLTitleElement (New)

---

Complete reference information is available in the [DOMHTMLTitleElement reference](#).

### Instance Methods

---

setText:	
text	

### DOMHTMLListElement (New)

---

Complete reference information is available in the [DOMHTMLListElement](#) reference.

### Instance Methods

---

compact	
setCompact:	
setType:	
type	

### DOMMediaList (New)

---

Complete reference information is available in the [DOMMediaList](#) reference.

### Instance Methods

---

appendMedium:	
deleteMedium:	
item:	
length	
mediaText	
setMediaText:	

### DOMMouseEvent (New)

---

Complete reference information is available in the [DOMMouseEvent](#) reference.

### Instance Methods

---

altKey	
button	
clientX	
clientY	
ctrlKey	
metaKey	
relatedTarget	
screenX	
screenY	
shiftKey	

### DOMMutationEvent (New)

---

Complete reference information is available in the [DOMMutationEvent](#) reference.

### Instance Methods

---

attrChange	
attrName	
newValue	
prevValue	
relatedNode	

### DOMNamedNodeMap (New)

---

Complete reference information is available in the [DOMNamedNodeMap](#) reference.

### Instance Methods

---

getNamedItem:	
item:	

length	
removeNamedItem:	
setNamedItem:	
setNamedItemNS:	

## DOMNode (New)

---

Complete reference information is available in the [DOMNode](#) reference.

### Instance Methods

---

appendChild:	
attributes	
childNodes	
cloneNode:	
firstChild	
hasAttributes	
hasChildNodes	
lastChild	
localName	
namespaceURI	
nextSibling	
nodeName	
nodeType	
nodeValue	
normalize	
ownerDocument	
parentNode	
prefix	
previousSibling	

removeChild:	
setNodeValue:	
setPrefix:	
webArchive	Returns a web archive of the content of the node and its children.

## DOMNodeIterator (New)

---

Complete reference information is available in the [DOMNodeIterator](#) reference.

### Instance Methods

---

detach	
expandEntityReferences	
filter	
nextNode	
previousNode	
root	
whatToShow	

## DOMNodeList (New)

---

Complete reference information is available in the [DOMNodeList](#) reference.

### Instance Methods

---

item:	
length	

## DOMNotation (New)

---

Complete reference information is available in the [DOMNotation](#) reference.

### Instance Methods

---

publicId	
systemId	

### DOMObject (New)

---

Complete reference information is available in the [DOMObject](#) reference.

### Instance Methods

---

sheet	
-------	--

### DOMProcessingInstruction (New)

---

Complete reference information is available in the [DOMProcessingInstruction](#) reference.

### Instance Methods

---

data	
setData:	
target	

### DOMRange (New)

---

Complete reference information is available in the [DOMRange](#) reference.

### Instance Methods

---

cloneContents	
cloneRange	
collapse:	
collapsed	
commonAncestorContainer	
deleteContents	

detach	
endContainer	
endOffset	
extractContents	
insertNode:	
markupString	Returns a string in markup format corresponding to the content in the range.
selectNode:	
selectNodeContents:	
setEndAfter:	
setEndBefore:	
setStartAfter:	
setStartBefore:	
startContainer	
startOffset	
surroundContents:	
toString	
webArchive	Returns a web archive of the content in the range.

## DOMRect (New)

---

Complete reference information is available in the [DOMRect](#) reference.

### Instance Methods

---

bottom	
left	
right	
top	



## DOMRGBColor (New)

---

Complete reference information is available in the [DOMRGBColor reference](#).

### Instance Methods

---

alpha	
blue	
green	
red	

## DOMStyleSheet (New)

---

Complete reference information is available in the [DOMStyleSheet reference](#).

### Instance Methods

---

disabled	
href	
media	
ownerNode	
parentStyleSheet	
setDisabled:	
title	
type	

## DOMStyleSheetList (New)

---

Complete reference information is available in the [DOMStyleSheetList reference](#).

### Instance Methods

---

item:	
length	

## DOMText (New)

---

Complete reference information is available in the [DOMText reference](#).

### Instance Methods

---

splitText:	
------------	--

## DOMTreeWalker (New)

---

Complete reference information is available in the [DOMTreeWalker reference](#).

### Instance Methods

---

currentNode	
expandEntityReferences	
filter	
firstChild	
lastChild	
nextNode	
nextSibling	
parentNode	
previousNode	
previousSibling	
root	
setCurrentNode:	
whatToShow	

## DOMUIEvent (New)

---

Complete reference information is available in the [DOMUIEvent reference](#).

### Instance Methods

---

detail	
--------	--

view
------

## NSObject

---

Complete reference information is available in the `NSObject` reference.

### Class Methods

---

<code>isKeyExcludedFromWebScript:</code>	Returns whether a key should be hidden from the scripting environment.
<code>isSelectorExcludedFromWebScript:</code>	Returns whether a selector should be hidden from the scripting environment.
<code>webScriptNameForKey:</code>	Returns the scripting environment name for an attribute specified by a key.
<code>webScriptNameForSelector:</code>	Returns the scripting environment name for a selector.

### Instance Methods

---

<code>finalizeForWebScript</code>	Performs cleanup when the scripting environment is reset.
<code>invokeDefaultMethodWithArguments:</code>	Executes when a script attempts to invoke a method on an exposed object directly.
<code>invokeUndefinedMethodFromWebScript:withArguments:</code>	Handles undefined method invocation from the scripting environment.
<code>objectForWebScript</code>	Returns an object that exposes the plug-in's scripting interface.
<code>undoManagerForWebView:</code>	Returns the undo manager to be used by a <code>webView</code> .
<code>webFrame</code>	Returns the <code>WebFrame</code> that contains the plug-in.
<code>webPlugInCallJava:isStatic:returnType:method:arguments:callingURL:exceptionDescription:</code>	Sends a message directly to a Java object in a plug-in.
<code>webPlugInContainerLoadRequest:inFrame:</code>	Loads a URL into a web frame.
<code>webPlugInContainerSelectionColor</code>	Returns the plug-in selection color.
<code>webPlugInContainerShowStatus:</code>	Tells the container to show a status message.

<code>webPlugInDestroy</code>	Prepares the plug-in for deallocation.
<code>webPlugInGetApplet</code>	Returns a jobject that represents a Java applet in a <code>WebPlugInContainer</code> .
<code>webPlugInInitialize</code>	Initializes the plug-in.
<code>webPlugInSetIsSelected:</code>	Controls plug-in behavior based on its selection.
<code>webPlugInStart</code>	Tells the plug-in to start normal operation.
<code>webPlugInStop</code>	Tells the plug-in to stop normal operation.
<code>webView:doCommandBySelector:</code>	Returns whether the receiver will perform a command instead of the <code>webView</code> .
<code>webView:dragDestinationActionMaskForDraggingInfo:</code>	Returns a mask indicating which drag operations are allowed by the sender.
<code>webView:dragSourceActionMaskForPoint:</code>	Returns a mask indicating which drag-source actions are allowed for a drag that begins at the specified location.
<code>webView:shouldApplyStyle:toElementsInDOMRange:</code>	Returns whether the user should be allowed to apply a style to a range of content.
<code>webView:shouldBeginEditingInDOMRange:</code>	Returns whether the user is allowed to edit a range of content in a web view.
<code>webView:shouldChangeSelectedDOMRange:toDOMRange:affinity:stillSelecting:</code>	Returns whether the user should be allowed to change the selected range.
<code>webView:shouldChangeTypingStyle:toStyle:</code>	Returns whether the user should be allowed to change the typing style in a web view.
<code>webView:shouldDeleteDOMRange:</code>	Returns whether the user should be allowed to delete a range of content.
<code>webView:shouldEndEditingInDOMRange:</code>	Returns whether the user should be allowed to end editing.
<code>webView:shouldInsertNode:replacingDOMRange:givenAction:</code>	Returns whether the user should be allowed to insert a node in place of a range of content.
<code>webView:shouldInsertText:replacingDOMRange:givenAction:</code>	Returns whether a user should be allowed to insert text in place of a range of content.

<code>webView:shouldPerformAction:fromSender:</code>	Returns a Boolean value that indicates whether the action sent by the specified object should be performed.
<code>webView:validateUserInterfaceItem:defaultValidation:</code>	Returns a Boolean value that indicates whether the specified user interface item is valid.
<code>webView:willPerformDragDestinationAction:forDraggingInfo:</code>	Tells the receiver that the sending web view will perform the specified drag-destination action.
<code>webView:willPerformDragSourceAction:fromPoint:withPasteboard:</code>	Tells the receiver that the sending web view will perform the specified drag-source action.
<code>webView&gt;windowScriptObjectAvailable:</code>	Invoked when a frame's scripting object for a page is available. (Use the <code>webView:didClearWindowObject:forFrame:</code> method instead.)
<code>webViewDidBeginEditing:</code>	Sent by the default notification center when the user begins editing the web view.
<code>webViewDidChange:</code>	Sent by the default notification center when the user changes content in the web view.
<code>webViewDidChangeSelection:</code>	Sent by the default notification center when the user changes the selection in the web view.
<code>webViewDidChangeTypingStyle:</code>	Sent by the default notification center when the user changes the typing style in the web view.
<code>webViewDidEndEditing:</code>	Sent by the default notification center when the user stops editing the web view.

## WebArchive (New)

---

Complete reference information is available in the [WebArchive](#) reference.

### Instance Methods

---

<code>data</code>	Returns the data representation of the receiver.
<code>initWithData:</code>	Initializes and returns the receiver, specifying the initial content data.

<code>initWithMainResource:subresources:subframeArchives:</code>	Initializes the receiver with a resource and optional subresources and subframe archives..
<code>mainResource</code>	Returns the receiver's main resource.
<code>subframeArchives</code>	Returns archives representing the receiver's subresources or nil if there are none.
<code>subresources</code>	Returns the receiver's subresources, or nil if there are none.

## WebDataSource

---

Complete reference information is available in the [WebDataSource](#) reference.

### Instance Methods

---

<code>addSubresource:</code>	Adds a resource to the receiver's list of subresources.
<code>mainResource</code>	Creates and returns a <code>WebResource</code> representing the receiver.
<code>subresourceForURL:</code>	Returns a subresource for the given URL.
<code>subresources</code>	Returns the receiver's subresources that have finished downloading.
<code>unreachableURL</code>	Returns the receiver's unreachable URL if it exists, nil otherwise.
<code>webArchive</code>	Returns a web archive representing the receiver, its subresources and subframes.

## WebFrame

---

Complete reference information is available in the [WebFrame](#) reference.

### Instance Methods

---

<code>DOMDocument</code>	Returns the web frame's DOM document.
<code>frameElement</code>	Returns the web view's DOM frame element.
<code>loadAlternateHTMLString:baseURL:forUnreachableURL:</code>	Loads alternate content for a frame whose URL is unreachable.
<code>loadArchive:</code>	Loads an archive into the web frame.

## WebHistory

---

Complete reference information is available in the `WebHistory` reference.

### Instance Methods

---

<code>historyAgeInDaysLimit</code>	Returns the maximum age of web history items that can be retrieved.
<code>historyItemLimit</code>	Returns the maximum number of web history items that can be stored.
<code>setHistoryAgeInDaysLimit:</code>	Sets the maximum age of web history items that can be retrieved.
<code>setHistoryItemLimit:</code>	Sets the maximum number of web history items to store.

## WebPreferences

---

Complete reference information is available in the `WebPreferences` reference.

### Instance Methods

---

<code>privateBrowsingEnabled</code>	Returns whether or not private browsing is enabled.
<code>setPrivateBrowsingEnabled:</code>	Sets whether or not private browsing is enabled.
<code>setTabsToLinks:</code>	Sets whether or not the web view will focus control on links when tabbing.
<code>tabsToLinks</code>	Returns whether or not the tab key will focus links.

## WebResource (New)

---

Complete reference information is available in the `WebResource` reference.

### Instance Methods

---

<code>data</code>	Returns the receiver's data.
<code>frameName</code>	Returns the receiver's frame name.
<code>initWithData:URL:MIMEType:textEncodingName: frameName:</code>	Initializes and returns a web resource instance.
<code>MIMEType</code>	Returns the receiver's MIME type.

<code>textEncodingName</code>	Returns the receiver's text encoding name.
<code>URL</code>	Returns the receiver's URL.

## WebScriptObject (New)

---

Complete reference information is available in the [WebScriptObject](#) reference.

### Class Methods

---

<code>throwException:</code>	Raises an exception in the current script execution context.
------------------------------	--

### Instance Methods

---

<code>callWebScriptMethod:withArguments:</code>	Returns the result of executing a method in the scripting environment.
<code>evaluateWebScript:</code>	Returns the result of evaluating a script in the scripting environment.
<code>removeWebScriptKey:</code>	Removes a property from a scripting environment.
<code>setException:</code>	Raises a scripting environment exception in the context of the current object.
<code>setWebScriptValueAtIndex:value:</code>	Sets the value of a property at the specified index.
<code>stringRepresentation</code>	Returns a string representation of the receiver.
<code>webScriptValueAtIndex:</code>	Returns the value of a property at the specified index.

### Delegate Methods

---

<code>finalizeForWebScript</code>	Performs cleanup when the scripting environment is reset.
<code>invokeDefaultMethodWithArguments:</code>	Executes when a script attempts to invoke a method on an exposed object directly.
<code>invokeUndefinedMethodFromWebScript:withArguments:</code>	Handles undefined method invocation from the scripting environment.

## WebUndefined (New)

---

Complete reference information is available in the [WebUndefined](#) reference.



## Class Methods

---

undefined	Returns the shared WebUndefined instance.
-----------	---

## WebView

---

Complete reference information is available in the [WebView](#) reference.

## Class Methods

---

MIMETypesShownAsHTML	Returns a list of MIME types that WebKit renders as HTML.
setMIMETypesShownAsHTML:	Sets the MIME types that WebKit attempts to render as HTML.
URLFromPasteboard:	Returns a URL from the specified pasteboard.
URLTitleFromPasteboard:	Returns the title of a URL from the specified pasteboard.

## Instance Methods

---

alignCenter:	An action method that applies center alignment to selected content or all content if there's no selection.
alignJustified:	An action method that applies full justification to selected content or all content if there's no selection.
alignLeft:	An action method that applies left justification to selected content or all content if there's no selection.
alignRight:	An action method that applies right justification to selected content or all content if there is no selection.
applyStyle:	Applies the CSS typing style to the current selection.
changeAttributes:	An action method that changes the attributes of the current selection.
changeColor:	Sets the color of the selected content.
changeDocumentBackgroundColor:	Sets the background color of the selected content.

<code>changeFont:</code>	An action method that changes the font of the selection, or all content if there is no selection.
<code>checkSpelling:</code>	An action method that searches for a misspelled word in the receiver.
<code>computedStyleForElement:pseudoElement:</code>	Returns the computed style of an element and its pseudo element.
<code>copy:</code>	Action method that copies the selected content to the general pasteboard.
<code>copyFont:</code>	An action method that copies font information onto the font pasteboard.
<code>cut:</code>	An action method that deletes selected content and puts it on the general pasteboard.
<code>delete:</code>	An action method that deletes the selected content.
<code>deleteSelection</code>	Deletes the receiver's current selection unless it's collapsed.
<code>editableDOMRangeForPoint:</code>	Returns the editable DOM object located at a given point.
<code>editingDelegate</code>	Returns the receiver's editing delegate.
<code>elementAtPoint:</code>	Returns a dictionary description of the element at a given point in the receiver's coordinates.
<code>isContinuousSpellCheckingEnabled</code>	Returns whether the web view has continuous spell-checking enabled.
<code>isEditable</code>	Returns whether the user is allowed to edit the document.
<code>mediaStyle</code>	Returns the receiver's CSS media property.
<code>moveDragCaretToPoint:</code>	Moves the drag caret that indicates the destination of a drag operation to a given point.
<code>paste:</code>	An action method that pastes content from the pasteboard at the insertion point or over the selection.
<code>pasteAsPlainText:</code>	An action method that pastes pasteboard content as plain text.

<code>pasteAsRichText:</code>	An action method that pastes pasteboard content into the receiver as rich text, maintaining its attributes.
<code>pasteboardTypesForElement:</code>	Returns an array of pasteboard types for an element.
<code>pasteboardTypesForSelection</code>	Returns an array of pasteboard types that can be used for the current selection of the receiver.
<code>pasteFont:</code>	An action method that pastes font information from the font pasteboard.
<code>performFindPanelAction:</code>	An action method that opens the Find menu and Find panel.
<code>removeDragCaret</code>	Removes the drag caret that indicates the destination of a drag operation.
<code>replaceSelectionWithArchive:</code>	Replaces the current selection with an archive's contents.
<code>replaceSelectionWithMarkupString:</code>	Replaces the current selection with mixed text and markup.
<code>replaceSelectionWithNode:</code>	Replaces the receiver's current selection with the specified DOM node.
<code>replaceSelectionWithText:</code>	Replaces the current selection with a string of text.
<code>selectedDOMRange</code>	Returns the range of the current selection.
<code>selectionAffinity</code>	Returns the current selection affinity.
<code>setContinuousSpellCheckingEnabled:</code>	Sets whether the web view has continuous spell-checking enabled.
<code>setEditable:</code>	Sets whether the receiver allows the user to edit its HTML document.
<code>setEditingDelegate:</code>	Sets the receiver's editing delegate.
<code>setMediaStyle:</code>	Sets the receiver's CSS media property.
<code>setSelectedDOMRange:affinity:</code>	Selects a range of nodes.
<code>setSmartInsertDeleteEnabled:</code>	Sets whether the receiver should insert or delete spaces around selected words to preserve proper spacing and punctuation.
<code>setTypingStyle:</code>	Sets the receiver's CSS typing style.

<code>showGuessPanel:</code>	An action method that shows a spelling correction panel.
<code>smartInsertDeleteEnabled</code>	Returns whether smart-space insertion and deletion is enabled.
<code>spellCheckerDocumentTag</code>	Returns the spell-checker document tag for this document.
<code>startSpeaking:</code>	An action method that starts speaking the selected text or all text if there's no selection.
<code>stopSpeaking:</code>	An action method that stops speaking that is in progress.
<code>styleDeclarationWithText:</code>	Returns the CSS style declaration for the specified text.
<code>typingStyle</code>	Returns the receiver's CSS typing style.
<code>undoManager</code>	Returns the receiver's undo manager.
<code>windowScriptObject</code>	Returns the receiver's window object from the scripting environment.
<code>writeElement:withPasteboardTypes:toPasteboard:</code>	Writes an element to the pasteboard using a list of types.
<code>writeSelectionWithPasteboardTypes:toPasteboard:</code>	Writes the receiver's current selection to a pasteboard using a list of types.

## Protocols

All of the protocols with new symbols are listed alphabetically, with their new methods described.

### DOMEventListener (New)

Complete reference information is available in the [DOMEventListener](#) reference.

#### Instance Methods

<code>handleEvent:</code>
---------------------------

## DOMEventTarget (New)

---

Complete reference information is available in the [DOMEventTarget](#) reference.

### Instance Methods

---

dispatchEvent:
----------------

## DOMNodeFilter (New)

---

Complete reference information is available in the [DOMNodeFilter](#) reference.

### Instance Methods

---

acceptNode:
-------------

## WebPluginViewFactory (New)

---

Complete reference information is available in the [WebPluginViewFactory](#) reference.

### Instance Methods

---

pluginViewWithArguments:
--------------------------

## C Symbols

All of the header files with new symbols are listed alphabetically, with their new symbols described.

## DOMCore.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

DOMException
--------------

DOMObjectInternal
-------------------

## 10.4 Symbol Changes

DOMTimeStamp	
DOM_ATTRIBUTE_NODE	
DOM_CDATA_SECTION_NODE	
DOM_COMMENT_NODE	
DOM_DOCUMENT_FRAGMENT_NODE	
DOM_DOCUMENT_NODE	
DOM_DOCUMENT_TYPE_NODE	
DOM_DOMSTRING_SIZE_ERR	
DOM_ELEMENT_NODE	
DOM_ENTITY_NODE	
DOM_ENTITY_REFERENCE_NODE	
DOM_HIERARCHY_REQUEST_ERR	
DOM_INDEX_SIZE_ERR	
DOM_INUSE_ATTRIBUTE_ERR	
DOM_INVALID_ACCESS_ERR	
DOM_INVALID_CHARACTER_ERR	
DOM_INVALID_MODIFICATION_ERR	
DOM_INVALID_STATE_ERR	
DOM_NAMESPACE_ERR	
DOM_NOTATION_NODE	
DOM_NOT_FOUND_ERR	
DOM_NOT_SUPPORTED_ERR	
DOM_NO_DATA_ALLOWED_ERR	
DOM_NO_MODIFICATION_ALLOWED_ERR	
DOM_PROCESSING_INSTRUCTION_NODE	
DOM_SYNTAX_ERR	
DOM_TEXT_NODE	
DOM_WRONG_DOCUMENT_ERR	

## DOMCSS.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

DOM_CHARSET_RULE	
DOM_CSS_ATTR	
DOM_CSS_CM	
DOM_CSS_COUNTER	
DOM_CSS_CUSTOM	
DOM_CSS_DEG	
DOM_CSS_DIMENSION	
DOM_CSS_EMS	
DOM_CSS_EXS	
DOM_CSS_GRAD	
DOM_CSS_HZ	
DOM_CSS_IDENT	
DOM_CSS_IN	
DOM_CSS_INHERIT	
DOM_CSS_KHZ	
DOM_CSS_MM	
DOM_CSS_MS	
DOM_CSS_NUMBER	
DOM_CSS_PC	
DOM_CSS_PERCENTAGE	
DOM_CSS_PRIMITIVE_VALUE	
DOM_CSS_PT	
DOM_CSS_PX	
DOM_CSS_RAD	

DOM_CSS_RECT	
DOM_CSS_RGBCOLOR	
DOM_CSS_S	
DOM_CSS_STRING	
DOM_CSS_UNKNOWN	
DOM_CSS_URI	
DOM_CSS_VALUE_LIST	
DOM_FONT_FACE_RULE	
DOM_IMPORT_RULE	
DOM_MEDIA_RULE	
DOM_PAGE_RULE	
DOM_STYLE_RULE	
DOM_UNKNOWN_RULE	

## DOMEvents.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

DOMEventException	
DOMEventExceptionCode	
DOM_ADDITION	
DOM_AT_TARGET	
DOM_BUBBLING_PHASE	
DOM_CAPTURING_PHASE	
DOM_MODIFICATION	
DOM_REMOVAL	
DOM_UNSPECIFIED_EVENT_TYPE_ERR	



## DOMRange.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

DOMRangeException	
DOM_BAD_BOUNDARYPOINTS_ERR	
DOM_END_TO_END	
DOM_END_TO_START	
DOM_INVALID_NODE_TYPE_ERR	
DOM_START_TO_END	
DOM_START_TO_START	

## DOMTraversal.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

DOM_FILTER_ACCEPT	
DOM_FILTER_REJECT	
DOM_FILTER_SKIP	
DOM_SHOW_ALL	
DOM_SHOW_ATTRIBUTE	
DOM_SHOW_CDATA_SECTION	
DOM_SHOW_COMMENT	
DOM_SHOW_DOCUMENT	
DOM_SHOW_DOCUMENT_FRAGMENT	
DOM_SHOW_DOCUMENT_TYPE	
DOM_SHOW_ELEMENT	

DOM_SHOW_ENTITY	
DOM_SHOW_ENTITY_REFERENCE	
DOM_SHOW_NOTATION	
DOM_SHOW_PROCESSING_INSTRUCTION	
DOM_SHOW_TEXT	

## npapi.h

---

### Functions

---

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

NPN_DestroyStream	
NPN_ForceRedraw	
NPN_GetJavaEnv	
NPN_GetJavaPeer	
NPN_GetURL	
NPN_GetURLNotify	
NPN_GetValue	
NPN_InvalidRect	
NPN_InvalidRegion	
NPN_MemAlloc	
NPN_MemFlush	
NPN_MemFree	
NPN_NewStream	
NPN_PostURL	
NPN_PostURLNotify	
NPN_ReloadPlugins	
NPN_RequestRead	
NPN_SetValue	

## 10.4 Symbol Changes

NPN_Status	
NPN_UserAgent	
NPN_Version	
NPN_Write	
NPP_Destroy	
NPP_DestroyStream	
NPP_GetJavaClass	
NPP_GetValue	
NPP_HandleEvent	
NPP_Initialize	
NPP_New	
NPP_NewStream	
NPP_Print	
NPP_SetValue	
NPP_SetWindow	
NPP_Shutdown	
NPP_StreamAsFile	
NPP_URLNotify	
NPP_Write	
NPP_WriteReady	

## Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

embedPrint	
fullPrint	
jref	
JRIEnv	
lastmodified	

## 10.4 Symbol Changes

ndata	
notifyData	
NPBool	
NPByteRange	
NPEmbedPrint	
NPErrors	
NPERR_BASE	
NPERR_FILE_NOT_FOUND	
NPERR_GENERIC_ERROR	
NPERR_INCOMPATIBLE_VERSION_ERROR	
NPERR_INVALID_FUNCTABLE_ERROR	
NPERR_INVALID_INSTANCE_ERROR	
NPERR_INVALID_PARAM	
NPERR_INVALID_PLUGIN_DIR_ERROR	
NPERR_INVALID_PLUGIN_ERROR	
NPERR_INVALID_URL	
NPERR_MODULE_LOAD_FAILED_ERROR	
NPERR_NO_DATA	
NPERR_NO_ERROR	
NPERR_OUT_OF_MEMORY_ERROR	
NPERR_STREAM_NOT_SEEKABLE	
NPEvent	
NPFullPrint	
NPMIMEType	
NPVariable	
NPVasdEnabledBool	
NPVDOMElement	
NPVDOMWindow	

## 10.4 Symbol Changes

NPNVisOfflineBool	
NPNVjavascriptEnabledBool	
NPNVnetscapeWindow	
NPNVPluginElementNPObject	
NPNVserviceManager	
NPNVSupportsXEmbedBool	
NPNVToolkit	
NPNVWindowNPObject	
NPNVxDisplay	
NPNVxtAppContext	
NPP	
NPPrint	
NPPVariable	
NPPVjavaClass	
NPPVjavascriptPushCallerBool	
NPPVpluginDescriptionString	
NPPVpluginKeepLibraryInMemory	
NPPVpluginNameString	
NPPVpluginNeedsXEmbed	
NPPVpluginScriptableIID	
NPPVpluginScriptableInstance	
NPPVpluginScriptableNPObject	
NPPVpluginTimerInterval	
NPPVpluginTransparentBool	
NPPVpluginWindowBool	
NPPVpluginWindowSize	
NPP_t	
NPReason	

## 10.4 Symbol Changes

NPRect	
NPRegion	
NPRES_BASE	
NPRES_DONE	
NPRES_NETWORK_ERR	
NPRES_USER_BREAK	
NPSavedData	
NPStream	
NPVERS_68K_HAS_LIVECONNECT	
NPVERS_HAS_LIVECONNECT	
NPVERS_HAS_NOTIFICATION	
NPVERS_HAS_STREAMOUTPUT	
NPVERS_HAS_WINDOWLESS	
NPVERS_WIN16_HAS_LIVECONNECT	
NPWindow	
NPWindowType	
NPWindowTypeDrawable	
NPWindowTypeWindow	
NP_ABI_GCC3_MASK	
NP_ABI_MACHO_MASK	
NP_ABI_MASK	
NP_ASFILE	
NP_ASFILEONLY	
NP_EABORT	
NP_EINVAL	
NP_EMBED	
NP_FULL	
NP_LOADDS	

NP_MAXREADY	
NP_NOERR	
NP_NORMAL	
NP_SEEK	
NP_VERSION_MAJOR	
NP_VERSION_MINOR	
pdata	
platformPrint	
pluginPrinted	
printOne	

## npfunctions.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

asfile	
createobject	
destroystream	
forcedredraw	
getintidentifier	
getJavaEnv	
getJavaPeer	
getproperty	
getstringidentifier	
getstringidentifiers	
geturl	
geturlnotify	
getvalue	

## 10.4 Symbol Changes

hasmethod	
hasproperty	
identifierisstring	
intfromidentifier	
invalidaterect	
invalidateregion	
invoke	
invokeDefault	
javaClass	
JRIGlobalRef	
memalloc	
memflush	
memfree	
newp	
newstream	
NPNetscapeFuncs	
NPN_CreateObjectProcPtr	
NPN_DestroyStreamProcPtr	
NPN_EvaluateProcPtr	
NPN_ForceRedrawProcPtr	
NPN_GetIntIdentifierProcPtr	
NPN_GetJavaEnvProcPtr	
NPN_GetJavaPeerProcPtr	
NPN_GetPropertyProcPtr	
NPN_GetStringIdentifierProcPtr	
NPN_GetStringIdentifiersProcPtr	
NPN_GetURLNotifyProcPtr	
NPN_GetURLProcPtr	



## 10.4 Symbol Changes

NPN_GetValueProcPtr	
NPN_HasMethodProcPtr	
NPN_HasPropertyProcPtr	
NPN_IdentifierIsStringProcPtr	
NPN_IntFromIdentifierProcPtr	
NPN_InvalidRectProcPtr	
NPN_InvalidRegionProcPtr	
NPN_InvokeDefaultProcPtr	
NPN_InvokeProcPtr	
NPN_MemAllocProcPtr	
NPN_MemFlushProcPtr	
NPN_MemFreeProcPtr	
NPN_NewStreamProcPtr	
NPN_PostURLNotifyProcPtr	
NPN_PostURLProcPtr	
NPN_ReleaseObjectProcPtr	
NPN_ReleaseVariantValueProcPtr	
NPN_ReloadPluginsProcPtr	
NPN_RemovePropertyProcPtr	
NPN_RequestReadProcPtr	
NPN_RetainObjectProcPtr	
NPN_SetExceptionProcPtr	
NPN_SetPropertyProcPtr	
NPN_SetValueProcPtr	
NPN_StatusProcPtr	
NPN_UserAgentProcPtr	
NPN_UTF8FromIdentifierProcPtr	
NPN_WriteProcPtr	

## 10.4 Symbol Changes

NPPPluginFuncs	
NPP_DestroyProcPtr	
NPP_DestroyStreamProcPtr	
NPP_GetJavaClassProcPtr	
NPP_GetValueProcPtr	
NPP_HandleEventProcPtr	
NPP_NewProcPtr	
NPP_NewStreamProcPtr	
NPP_PrintProcPtr	
NPP_SetValueProcPtr	
NPP_SetWindowProcPtr	
NPP_ShutdownProcPtr	
NPP_StreamAsFileProcPtr	
NPP_URLNotifyProcPtr	
NPP_WriteProcPtr	
NPP_WriteReadyProcPtr	
posturl	
posturlnotify	
print	
releaseobject	
releasevariantvalue	
reloadplugins	
removeproperty	
requestread	
retainobject	
setexception	
setproperty	
setvalue	

setwindow	
uagent	
urlnotify	
utf8fromidentifier	
write	
writeready	

## npruntime.h

---

### Functions

---

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

NPN_CreateObject	
NPN_Evaluate	
NPN_GetIntIdentifier	
NPN_GetProperty	
NPN_GetStringIdentifier	
NPN_GetStringIdentifiers	
NPN_HasMethod	
NPN_HasProperty	
NPN_IdentifierIsString	
NPN_IntFromIdentifier	
NPN_Invoke	
NPN_InvokeDefault	
NPN_ReleaseObject	
NPN_ReleaseVariantValue	
NPN_RemoveProperty	
NPN_RetainObject	
NPN_SetException	

NPN_SetProperty	
NPN_UTF8FromIdentifier	

## Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

BOOLEAN_TO_NPVARIANT	
DOUBLE_TO_NPVARIANT	
getProperty	
hasMethod	
hasProperty	
INT32_TO_NPVARIANT	
NPAAllocateFunctionPtr	
NPClass	
NPDeallocateFunctionPtr	
NPGetPropertyFunctionPtr	
NPHasMethodFunctionPtr	
NPHasPropertyFunctionPtr	
NPIdentifier	
NPInvalidateFunctionPtr	
NPInvokeDefaultFunctionPtr	
NPInvokeFunctionPtr	
NPObject	
NPRemovePropertyFunctionPtr	
NPSetPropertyFunctionPtr	
NPString	
NPUTF8	
NPVariant	
NPVariantType	

## 10.4 Symbol Changes

NPVariantType_Bool	
NPVariantType_Double	
NPVariantType_Int32	
NPVariantType_Null	
NPVariantType_Object	
NPVariantType_String	
NPVariantType_Void	
NPVARIANT_IS_BOOLEAN	
NPVARIANT_IS_DOUBLE	
NPVARIANT_IS_INT32	
NPVARIANT_IS_NULL	
NPVARIANT_IS_OBJECT	
NPVARIANT_IS_STRING	
NPVARIANT_IS_VOID	
NPVARIANT_TO_BOOLEAN	
NPVARIANT_TO_DOUBLE	
NPVARIANT_TO_INT32	
NPVARIANT_TO_OBJECT	
NPVARIANT_TO_STRING	
NP_BEGIN_MACRO	
NP_CLASS_STRUCT_VERSION	
NP_END_MACRO	
NULL_TO_NPVARIANT	
OBJECT_TO_NPVARIANT	
referenceCount	
removeProperty	
setProperty	
STRINGN_TO_NPVARIANT	

stringValue	
STRINGZ_TO_NPVARIANT	
structVersion	
UTF8Characters	
UTF8Length	
VOID_TO_NPVARIANT	

## WebArchive.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebArchivePboardType	The pasteboard type constant used when adding or accessing a WebArchive on the pasteboard.
----------------------	--

## WebEditingDelegate.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebViewInsertAction	These constants are described in WebEditingDelegate.
WebViewInsertActionDropped	Indicates the user inserted content by dropping.
WebViewInsertActionPasted	Indicates the user inserted content by pasting.
WebViewInsertActionTyped	Indicates the user inserted content by typing.

## WebJavaPlugIn.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebJNIReturnType	
WebJNIReturnTypeBoolean	
WebJNIReturnTypeByte	
WebJNIReturnTypeChar	
WebJNIReturnTypeDouble	
WebJNIReturnTypeFloat	
WebJNIReturnTypeInt	
WebJNIReturnTypeInvalid	
WebJNIReturnTypeLong	
WebJNIReturnTypeObject	
WebJNIReturnTypeShort	
WebJNIReturnTypeVoid	

## WebKitErrors.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebKitErrorCannotFindPlugIn	Indicates a plug-in could not be found.
WebKitErrorCannotLoadPlugIn	Indicates a plug-in could not be loaded.

## WebPluginViewFactory.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebPlugInAttributesKey	The NSDictionary object containing all names and values of all attributes of the plug-in's associated HTML element, as well as all names and values of the parameters to be passed to the plug-in. For example, this dictionary will contain all PARAM elements within an APPLET element. If attribute and parameter names conflict, the attributes of an element take precedence over any of its parameters. All keys and values in this dictionary must be of type NSString. Required key.
WebPlugInBaseURLKey	The base URL of the document containing the plug-in's view. Required key.
WebPlugInContainerKey	An object that conforms to the WebPlugInContainer informal protocol. This object is used for callbacks from the plug-in to the enclosing application. If WebPlugInContainerKey is nil, no callbacks will occur.
WebPlugInContainingElementKey	If an element of the page's Document Object Model was used to specify the plug-in, this will contain that element. Otherwise, it will be nil.

## WebUIDelegate.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebDragDestinationAction	Actions that the destination object of a drag operation can perform.
WebDragDestinationActionAny	Allows any defined action to occur.
WebDragDestinationActionDHTML	Allows DHTML (such as JavaScript) to handle the drag.
WebDragDestinationActionEdit	Allows editable documents to be changed by the drag operation.
WebDragDestinationActionLoad	Allows the drag operation to change the location.
WebDragDestinationActionNone	No action.
WebDragSourceAction	Actions that the source object of a drag operation can perform.
WebDragSourceActionAny	Allows any defined action to occur.
WebDragSourceActionDHTML	Allows DHTML (such as JavaScript) in the source object to initiate a drag operation.
WebDragSourceActionImage	Allows the user to drag an image in the source object.



<code>WebDragSourceActionLink</code>	Allows the user to drag a link in the source object.
<code>WebDragSourceActionNone</code>	No action.
<code>WebDragSourceActionSelection</code>	Allows the user to drag a selection in the source object.
<code>WebMenuItemTagCut</code>	Cut the currently selected content.
<code>WebMenuItemTagGoBack</code>	Load the previous page.
<code>WebMenuItemTagGoForward</code>	Load the next page.
<code>WebMenuItemTagIgnoreSpelling</code>	Ignore the misspelled word.
<code>WebMenuItemTagLearnSpelling</code>	Add the misspelled word to the user's list of acceptable words.
<code>WebMenuItemTagNoGuessesFound</code>	Indicate whether any suggested spellings for the misspelled word could be found.
<code>WebMenuItemTagOther</code>	Used when a tag for an item in the context menu can't be determined.
<code>WebMenuItemTagPaste</code>	Paste the content on the clipboard onto the current selection.
<code>WebMenuItemTagReload</code>	Reload the current page.
<code>WebMenuItemTagSpellingGuess</code>	Suggest spellings for the misspelled word.
<code>WebMenuItemTagStop</code>	Stop loading the current page.

## WebView.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>WebElementDOMNodeKey</code>	
<code>WebViewDidBeginEditingNotification</code>	Posted when a web view begins any operation that changes its contents in response to user editing.
<code>WebViewDidChangeNotification</code>	Posted when a web view performs any operation that changes its contents in response to user editing.
<code>WebViewDidChangeSelectionNotification</code>	Posted when a web view changes its typing selection.
<code>WebViewDidChangeTypingStyleNotification</code>	Posted when a web view changes its typing style.

<code>WebViewDidEndEditingNotification</code>	Posted when a web view ends any operation that changes its contents in response to user editing.
---	--

## 10.3 Symbol Changes

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This article lists the symbols added to `WebKit.framework` in Mac OS X v10.3.

### Classes

All of the classes with new symbols are listed alphabetically, with their new class, instance, and delegate methods described.

### NSObject

---

Complete reference information is available in the `NSObject` reference.

### Instance Methods

---

<code>downloadWindowForAuthenticationSheet:</code>	Returns the window to be used by the authentication sheet.
<code>webView:contextMenuItemsForElement: defaultMenuItems:</code>	Returns menu items to display in an element's contextual menu.
<code>webView:createWebViewWithRequest:</code>	Creates a window containing a web view to load the specified request.
<code>webView:decidePolicyForMIMEType: request:frame:decisionListener:</code>	Decides whether to display content with a given MIME type.
<code>webView:decidePolicyForNavigationAction: request:frame:decisionListener:</code>	Routes a navigation action internally or to an external viewer.
<code>webView:decidePolicyForNewWindowAction: request:newFrameName:decisionListener:</code>	Decides whether to allow a targeted navigation event, such as opening a link in a new window.
<code>webView:didCancelClientRedirectForFrame:</code>	Invoked when a client redirect is cancelled.
<code>webView:didChangeLocationWithinPageForFrame:</code>	Invoked when the scroll position within a frame changes.
<code>webView:didCommitLoadForFrame:</code>	Invoked when content starts arriving for a page load.

### 10.3 Symbol Changes

<code>webView:didFailLoadWithError:forFrame:</code>	Invoked when an error occurs loading a committed data source.
<code>webView:didFailProvisionalLoadWithError:forFrame:</code>	Invoked if an error occurs when starting to load data for a page.
<code>webView:didFinishLoadForFrame:</code>	Invoked when a page load completes.
<code>webView:didReceiveIcon:forFrame:</code>	Invoked when a page icon changes.
<code>webView:didReceiveServerRedirectForProvisionalLoadForFrame:</code>	Invoked when a provisional data source for a frame receives a server redirect.
<code>webView:didReceiveTitle:forFrame:</code>	Invoked when the page title of a frame loads or changes.
<code>webView:didStartProvisionalLoadForFrame:</code>	Invoked when a page load is in progress in a given frame.
<code>webView:identifierForInitialRequest:fromDataSource:</code>	Returns an identifier object used to track the progress of loading a single resource.
<code>webView:makeFirstResponder:</code>	Sets the first responder of a web view's window to the specified view.
<code>webView:mouseDidMoveOverElement:modifierFlags:</code>	Updates information about the element the user is mousing over.
<code>webView:plugInFailedWithError:dataSource:</code>	Invoked when a plug-in fails to load.
<code>webView:resource:didCancelAuthenticationChallenge:fromDataSource:</code>	Invoked when an authentication challenge for a resource was cancelled.
<code>webView:resource:didFailLoadingWithError:fromDataSource:</code>	Invoked when a resource failed to load.
<code>webView:resource:didFinishLoadingFromDataSource:</code>	Invoked when all of the data for a given resource is loaded.
<code>webView:resource:didReceiveAuthenticationChallenge:fromDataSource:</code>	Invoked when an authentication challenge has been received for a resource.
<code>webView:resource:didReceiveContentLength:fromDataSource:</code>	Invoked when some of the data for a given resource has arrived.
<code>webView:resource:didReceiveResponse:fromDataSource:</code>	Invoked after a resource has been loaded.

### 10.3 Symbol Changes

<code>webView:resource:willSendRequest: redirectResponse:fromDataSource:</code>	Invoked before a request is initiated for a resource and returns a possibly modified request.
<code>webView:runJavaScriptAlertPanelWithMessage:</code>	Displays a JavaScript alert panel.
<code>webView:runJavaScriptConfirmPanelWithMessage:</code>	Displays a JavaScript confirm panel.
<code>webView:runJavaScriptTextInputPanelWithPrompt: defaultText:</code>	Displays a JavaScript text input panel and returns the entered text.
<code>webView:runOpenPanelForFileButtonWithResultListener:</code>	Displays an open panel for a file input control.
<code>webView:setContentRect:</code>	Sets the window's content view frame to the specified content rectangle.
<code>webView:setFrame:</code>	Sets the frame rectangle of a web view's window to the specified frame size.
<code>webView:setResizable:</code>	Sets whether a web view's window can be resized.
<code>webView:setStatusBarVisible:</code>	Sets the visibility of the status bar in a web view's window.
<code>webView:setStatusText:</code>	Sets the status message displayed by a web view's window, if any, to the specified text.
<code>webView:setToolbarsVisible:</code>	Sets whether a web view's toolbars should be visible.
<code>webView:unableToImplementPolicyWithError:frame:</code>	Handles or drops events that were rejected by a policy maker.
<code>webView:willCloseFrame:</code>	Invoked when a frame will be closed.
<code>webView:willPerformClientRedirectToURL: delay:fireDate:forFrame:</code>	Invoked when a frame receives a client redirect and before it is fired.
<code>webViewAreToolbarsVisible:</code>	Returns a Boolean value indicating whether any toolbars are visible in a web view's window.
<code>webViewClose:</code>	Closes a web view in a window.
<code>webViewContentRect:</code>	Returns a web view window's content rectangle.
<code>webViewFirstResponder:</code>	Returns the first responder of the web view's window.

<code>webViewFocus:</code>	Brings a web view's window to the front and makes it the active window.
<code>webViewFrame:</code>	Returns the frame rectangle of a web view's window.
<code>webViewIsResizable:</code>	Returns a Boolean value indicating whether a web view's window can be resized.
<code>webViewIsStatusBarVisible:</code>	Returns a Boolean value indicating whether the status bar in a web view's window is visible.
<code>webViewShow:</code>	Displays a web view's window and moves it to the front.
<code>webViewStatusText:</code>	Returns the current status message from a web view's window.
<code>webViewUnfocus:</code>	Relinquishes focus on a web view's window.

## WebBackForwardList (New)

Complete reference information is available in the [WebBackForwardList](#) reference.

### Instance Methods

<code>addItem:</code>	Inserts an item into the back-forward list, immediately after the current item.
<code>backItem</code>	Returns the item that precedes the current item in the back-forward list.
<code>backListCount</code>	Returns the number of items that precede the current item in the back-forward list.
<code>backListWithLimit:</code>	Returns the items that precede the current item in the back-forward list, up to the specified number of items.
<code>capacity</code>	Returns the maximum number of items that the back-forward list can contain.
<code>containsItem:</code>	Returns a Boolean value indicating whether the back-forward list contains the specified item.
<code>currentItem</code>	Returns the current item in the back-forward list.
<code>forwardItem</code>	Returns the item that follows the current item in the back-forward list.

<code>forwardListCount</code>	Returns the number of items that follow the current item in the back-forward list.
<code>forwardListWithLimit:</code>	Returns the items that follow the current item in the back-forward list, up to the specified number of items.
<code>goBack</code>	Moves backward one item in the back-forward list.
<code>goForward</code>	Moves forward one item in the back-forward list.
<code>goToItem:</code>	Makes the specified item in the back-forward list the current item.
<code>itemAtIndex:</code>	Returns the item at the specified index in the back-forward list.
<code>pageCacheSize</code>	Returns the maximum number of pages that the receiver can cache.
<code>setCapacity:</code>	Sets the maximum number of items that the back-forward list can contain.
<code>setPageCacheSize:</code>	Sets the maximum number of pages the receiver can cache.

## WebDataSource (New)

---

Complete reference information is available in the [WebDataSource](#) reference.

### Instance Methods

---

<code>data</code>	Returns the raw data that represents the receiver's content.
<code>initialRequest</code>	Returns a reference to the original request that was used to load the web content.
<code>initWithRequest:</code>	initializes a data source with a URL request.
<code>isLoading</code>	Returns YES if the receiver is in the process of loading its content, NO otherwise.
<code>pageTitle</code>	Returns the title of the receiver's page.
<code>representation</code>	Returns the receiver's representation depending on its MIME type.
<code>request</code>	Returns the request that was used to create the receiver.
<code>response</code>	Returns the associated <code>WebResourceResponse</code> for this data source.
<code>textEncodingName</code>	Returns either the text encoding for the receiver's <code>WebView</code> , if set, or the text encoding of the response.
<code>webFrame</code>	Returns the web frame that represents this data source.

## WebDownload (New)

---

Complete reference information is available in the `WebDownload` reference.

### Delegate Methods

---

<code>downloadWindowForAuthenticationSheet:</code>	Returns the window to be used by the authentication sheet.
--	--

## WebFrame (New)

---

Complete reference information is available in the `WebFrame` reference.

### Instance Methods

---

<code>childFrames</code>	Returns the frames of the web frame's immediate children.
<code>dataSource</code>	Returns the committed data source.
<code>findFrameNamed:</code>	Returns a web frame that matches the given name.
<code>frameView</code>	Returns the web frame's view object.
<code>initWithName:webFrameView:webView:</code>	Initializes the receiver with a frame name, web frame view, and controlling web view.
<code>loadData:MIMETYPE:textEncodingName:baseURL:</code>	Sets the main page contents, MIME type, content encoding, and base URL.
<code>loadHTMLString:baseURL:</code>	Sets the main page contents and base URL.
<code>loadRequest:</code>	Connects to a given URL by initiating an asynchronous client request.
<code>name</code>	Returns the web frame's name.
<code>parentFrame</code>	Returns the web frame's parent web frame.
<code>provisionalDataSource</code>	Returns the provisional data source.
<code>reload</code>	Reloads the initial request passed as an argument to <code>loadRequest:</code> .
<code>stopLoading</code>	Stops any pending loads on the receiver's data source, and those of its children.
<code>webView</code>	Returns the view object that manages the web frame.



## WebFrameView (New)

---

Complete reference information is available in the [WebFrameView](#) reference.

### Instance Methods

---

<code>allowsScrolling</code>	Returns a Boolean value indicating whether users can scroll.
<code>documentView</code>	Returns the subview that displays the web content.
<code>setAllowsScrolling:</code>	Sets whether the frame view should allow users to scroll.
<code>webFrame</code>	Returns the web frame.

## WebHistory (New)

---

Complete reference information is available in the [WebHistory](#) reference.

### Class Methods

---

<code>optionalSharedHistory</code>	Returns a shared web history object, if one exists.
<code>setOptionalSharedHistory:</code>	Sets the web history object to share.

### Instance Methods

---

<code>addItem:</code>	Inserts or updates the specified items in the web history.
<code>itemForURL:</code>	Returns the web history item that corresponds to the specified web location.
<code>loadFromURL:error:</code>	Loads the contents of the specified web history file.
<code>orderedItemsLastVisitedOnDay:</code>	Returns web history items that were last visited on the specified date.
<code>orderedLastVisitedDays</code>	Returns all calendar days represented in the web history.
<code>removeAllItems</code>	Removes all items from the web history.
<code>removeItems:</code>	Removes the specified items from the web history.
<code>saveToURL:error:</code>	Saves the web history to the specified file.

## WebHistoryItem (New)

---

Complete reference information is available in the [WebHistoryItem](#) reference.

### Instance Methods

---

<code>alternateTitle</code>	Returns an alternate title that may be used in place of the receiver's page title.
<code>icon</code>	Returns the icon for the receiver's page, or nil if none exists.
<code>initWithURLString:title:lastVisitedTimeInterval:</code>	Initializes the receiver with a URL,URLString, a title specified by title and the last time this item was visited specified by time title, and time last visited.
<code>lastVisitedTimeInterval</code>	Returns the last time and date the receiver's page was visited.
<code>originalURLString</code>	Returns the string representation of the original URL for the receiver's page.
<code>setAlternateTitle:</code>	Sets an alternate title for a page.
<code>title</code>	Returns the receiver's original page title.
<code>URLString</code>	Returns the string representation of the URL for the receiver's page.

## WebPreferences (New)

---

Complete reference information is available in the [WebPreferences](#) reference.

### Class Methods

---

<code>standardPreferences</code>	Returns the standard set of preferences that may be used by all <code>WebView</code> objects.
----------------------------------	---

### Instance Methods

---

<code>allowsAnimatedImageLooping</code>	Returns whether or not the web view allows animated images to loop.
<code>allowsAnimatedImages</code>	Returns whether or not the web view allows animated images.

### 10.3 Symbol Changes

<code>arePlugInsEnabled</code>	Returns whether or not the web view allows plug-ins.
<code>autosaves</code>	Returns whether or not the receiver's attributes are automatically stored in the user defaults database.
<code>cursiveFontFamily</code>	Returns the cursive font family for the web view.
<code>defaultFixedFontSize</code>	Returns the default fixed font size for the web view.
<code>defaultFontSize</code>	Returns the default font size for the web view.
<code>defaultTextEncodingName</code>	Returns the default text encoding for the web view.
<code>fantasyFontFamily</code>	Returns the fantasy font family for the web view.
<code>fixedFontFamily</code>	Returns the fixed font family for the web view.
<code>identifier</code>	Returns the receiver's identifier.
<code>initWithIdentifier:</code>	Returns an initialized <code>WebPreferences</code> object, creating one if it does not exist.
<code>isJavaEnabled</code>	Returns whether or not Java is enabled for the web view.
<code>isJavaScriptEnabled</code>	Returns whether or not JavaScript is enabled for the web view.
<code>javascriptCanOpenWindowsAutomatically</code>	Returns whether or not JavaScript can open windows automatically for the web view.
<code>loadsImagesAutomatically</code>	Returns whether images are loaded automatically for the web view.
<code>minimumFontSize</code>	Returns the minimum font size for the web view.
<code>minimumLogicalFontSize</code>	Returns the minimum logical font size for the web view.
<code>sansSerifFontFamily</code>	Returns the sans serif font family for the web view.
<code>serifFontFamily</code>	Returns the serif font family for the web view.
<code>setAllowsAnimatedImageLooping:</code>	Sets whether or not the receiver allows animated images to loop.
<code>setAllowsAnimatedImages:</code>	Sets whether or not the receiver allows animated images.
<code>setAutosaves:</code>	Sets whether or not the receiver's attributes are stored in the user defaults database.

### 10.3 Symbol Changes

<code>setCursiveFontFamily:</code>	Sets the cursive font family of the web view.
<code>setDefaultFixedFontSize:</code>	Sets the default fixed font size of the web view.
<code>setDefaultFontSize:</code>	Sets the default font size of the web view.
<code>setDefaultTextEncodingName:</code>	Sets the default text encoding of the web view.
<code>setFantasyFontFamily:</code>	Sets the fantasy font family of the web view.
<code>setFixedFontFamily:</code>	Sets the fixed font family of the web view.
<code>setJavaEnabled:</code>	Sets whether or not the web view allows Java.
<code>setJavaScriptCanOpenWindowsAutomatically:</code>	Sets whether or not the web view allows JavaScript to open windows automatically.
<code>setJavaScriptEnabled:</code>	Sets whether or not the web view allows JavaScript.
<code>setLoadsImagesAutomatically:</code>	Sets whether or not the web view allows images to be loaded automatically.
<code>setMinimumFontSize:</code>	Sets the minimum font size of the web view.
<code>setMinimumLogicalFontSize:</code>	Sets the minimum logical font size of the web view.
<code>setPlugInsEnabled:</code>	Sets whether or not the web view allows plug-ins.
<code>setSansSerifFontFamily:</code>	Sets the sans serif font family of the web view.
<code>setSerifFontFamily:</code>	Sets the serif font family of the web view.
<code>setShouldPrintBackgrounds:</code>	Sets whether or not the web view should include backgrounds when printing.
<code>setStandardFontFamily:</code>	Sets the standard font family of the web view.
<code>setUserStyleSheetEnabled:</code>	Sets whether or not the web view enables user style sheets.
<code>setUserStyleSheetLocation:</code>	Sets the location of the user style sheet.
<code>shouldPrintBackgrounds</code>	Returns whether the web view should include backgrounds when printing.
<code>standardFontFamily</code>	Returns the standard font family used by the web view.
<code>userStyleSheetEnabled</code>	Returns whether the web view enables user style sheets.
<code>userStyleSheetLocation</code>	Returns the location of the user style sheet.

## WebView (New)

Complete reference information is available in the [WebView](#) reference.

### Class Methods

<code>canShowMIMEType:</code>	Returns whether the receiver can display content of a given MIME type.
<code>canShowMIMETypeAsHTML:</code>	Returns whether the receiver interprets a MIME type as HTML.
<code>registerViewClass:representationClass:forMIMEType:</code>	Specifies the view and representation objects to be used for specific MIME types.

### Instance Methods

<code>applicationNameForUserAgent</code>	Returns the receiver's application name that is used in the user-agent string.
<code>backForwardList</code>	Returns the receiver's back-forward list.
<code>canGoBack</code>	Returns whether the previous location can be loaded.
<code>canGoForward</code>	Returns whether the next location can be loaded.
<code>canMakeTextLarger</code>	Returns whether the text can be made larger.
<code>canMakeTextSmaller</code>	Returns whether the text can be made smaller.
<code>customTextEncodingName</code>	Returns the custom text encoding name.
<code>customUserAgent</code>	Returns the receiver's custom user-agent string.
<code>downloadDelegate</code>	Return the receiver's download delegate.
<code>estimatedProgress</code>	Returns an estimate, as a percentage, of the amount of content that is currently loaded.
<code>frameLoadDelegate</code>	Return the receiver's frame load delegate.
<code>goBack</code>	Loads the previous location in the back-forward list.
<code>goBack:</code>	An action method that loads the previous location in the back-forward list.
<code>goForward</code>	Loads the next location in the back-forward list.
<code>goForward:</code>	An action method that loads the next location in the back-forward list.

### 10.3 Symbol Changes

<code>goToBackForwardItem:</code>	Loads a specific location from the back-forward list and sets it as the current item.
<code>groupName</code>	Returns the receiver's group name.
<code>hostWindow</code>	Returns the receiver's host window.
<code>initWithFrame:frameName:groupName:</code>	Initializes the receiver with a frame rectangle, frame name, and group name.
<code>mainFrame</code>	Returns the main frame, the root of the web frame hierarchy for this page.
<code>makeTextLarger:</code>	Increases the text size by one unit.
<code>makeTextSmaller:</code>	Reduces the text size by one unit.
<code>policyDelegate</code>	Returns the receiver's policy delegate.
<code>preferences</code>	Returns the receiver's preferences.
<code>preferencesIdentifier</code>	Returns the identifier of the receiver's preferences.
<code>reload:</code>	Reloads the current page.
<code>resourceLoadDelegate</code>	Returns the receiver's resource load delegate.
<code>searchFor:direction:caseSensitive:wrap:</code>	Searches a document view for a string and highlights it if it is found.
<code>setApplicationNameForUserAgent:</code>	Sets the application name used in the user-agent string.
<code>setCustomTextEncodingName:</code>	Sets the custom text encoding name.
<code>setCustomUserAgent:</code>	Sets the receiver's custom user-agent string.
<code>setDownloadDelegate:</code>	Sets the receiver's shared download delegate.
<code>setFrameLoadDelegate:</code>	Sets the receiver's frame load delegate.
<code>setGroupName:</code>	Sets the receiver's group name.
<code>setHostWindow:</code>	Sets the receiver's host window.
<code>setMaintainsBackForwardList:</code>	Sets whether to use a back-forward list.
<code>setPolicyDelegate:</code>	Sets the receiver's policy delegate.
<code>setPreferences:</code>	Sets the receiver's preferences.
<code>setPreferencesIdentifier:</code>	Sets the receiver's preferences identifier, creating a preferences object if needed.
<code>setResourceLoadDelegate:</code>	Sets the receiver's resource load delegate.

<code>setTextSizeMultiplier:</code>	Change the font size multiplier for text displayed in web frame view objects managed by the receiver.
<code>setUIDelegate:</code>	Sets the receiver's user interface delegate.
<code>stopLoading:</code>	An action method that stops the loading of any web frame content managed by the receiver.
<code>stringByEvaluatingJavaScriptFromString:</code>	Returns the result of running a script.
<code>supportsTextEncoding</code>	Returns whether the document view supports different text encodings.
<code>takeStringURLFrom:</code>	Sets the receiver's current location by obtaining a URL string from the sender.
<code>textSizeMultiplier</code>	Returns the font size multiplier for text displayed in web frame view objects managed by the receiver.
<code>UIDelegate</code>	Returns the receiver's user interface delegate.
<code>userAgentForURL:</code>	Returns the appropriate user-agent string for a given URL.

## Protocols

All of the protocols with new symbols are listed alphabetically, with their new methods described.

### WebDocumentRepresentation (New)

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Complete reference information is available in the [WebDocumentRepresentation](#) reference.

#### Instance Methods

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<code>canProvideDocumentSource</code>	Returns whether the receiver can provide content source.
<code>documentSource</code>	Returns the receiver's source as text.
<code>finishedLoadingWithDataSource:</code>	Invoked when a data source finishes loading its content.
<code>receivedData:withDataSource:</code>	Invoked when a data source has received some data.
<code>receivedError:withDataSource:</code>	Invoked when a data source receives an error loading its content.
<code>setDataSource:</code>	Sets the receiver's data source.
<code>title</code>	Returns the receiver's document title.

## WebDocumentSearching (New)

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Complete reference information is available in the [WebDocumentSearching](#) reference.

### Instance Methods

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<code>searchFor:direction:caseSensitive:wrap:</code>	Searches for a string in a given direction from the current position.
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## WebDocumentText (New)

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Complete reference information is available in the [WebDocumentText](#) reference.

### Instance Methods

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<code>attributedString</code>	Returns the entire content of the web document as an attributed string.
<code>deselectAll</code>	Deselects the currently selected text in the web document.
<code>selectAll</code>	Selects all the text in the web document.
<code>selectedAttributedString</code>	Returns the currently selected text in the web document as an attributed string.
<code>selectedString</code>	Returns the currently selected text in the web document as a string.
<code>string</code>	Returns the entire content of the web document as a string.
<code>supportsTextEncoding</code>	Returns a Boolean value that indicates whether the web document supports text encoding.

## WebDocumentView (New)

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Complete reference information is available in the [WebDocumentView](#) reference.

### Instance Methods

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<code>dataSourceUpdated:</code>	Invoked when additional data has been received.
<code>layout</code>	Invoked when the receiver should change its layout.
<code>setDataSource:</code>	Invoked when the data source for this document has been changed.
<code>setNeedsLayout:</code>	Sets whether or not the receiver should change its layout.



<code>viewDidMoveToHostWindow</code>	Invoked when a web view's host window is set.
<code>viewWillMoveToHostWindow:</code>	Invoked when a web view's host window is about to change.

## WebOpenPanelResultListener (New)

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Complete reference information is available in the [WebOpenPanelResultListener](#) reference.

### Instance Methods

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<code>cancel</code>	Invoked when a file open operation was cancelled.
<code>chooseFilename:</code>	Handles the results of a file open panel.

## WebPolicyDecisionListener (New)

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Complete reference information is available in the [WebPolicyDecisionListener](#) reference.

### Instance Methods

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<code>download</code>	Tells the listener to download the resource instead of displaying it.
<code>ignore</code>	Tells the listener to ignore the resource.
<code>use</code>	Tells the listener to use the resource.

## C Symbols

All of the header files with new symbols are listed alphabetically, with their new symbols described.

## CarbonUtils.h

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### Functions

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All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>WebConvertNSImageToCGImageRef</code>	Creates a Core Graphics image from a Cocoa NSImage.
<code>WebInitForCarbon</code>	Initializes the WebKit.

## HIWebView.h

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### Functions

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All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

HIWebViewCreate	Creates an HView-based container for web content.
HIWebViewGetWebView	Obtains the Cocoa NSView associated with the web view.

## WebHistory.h

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### Data Types & Constants

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All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebHistoryAllItemsRemovedNotification	Posted when all history items have been removed from the web history.
WebHistoryItemsAddedNotification	Posted when history items have been added to a web history.
WebHistoryItemsKey	The key to access an array containing the added or removed web history items.
WebHistoryItemsRemovedNotification	Posted when items have been removed from the web history.
WebHistoryLoadedNotification	Posted when web history items have been loaded from a URL.
WebHistorySavedNotification	Posted when web history items have been saved to a URL.

## WebHistoryItem.h

---

### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

WebHistoryItemChangedNotification	Posted by a WebHistoryItem object when the value of the history item's title, alternate title, URL strings, or last visited interval changes.
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## WebKitErrors.h

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### Data Types & Constants

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All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>WebKitErrorCannotFindPlugin</code>	
<code>WebKitErrorCannotLoadPlugin</code>	
<code>WebKitErrorCannotShowMIMEType</code>	Indicates that a MIME type is not supported.
<code>WebKitErrorCannotShowURL</code>	Indicates a failure in changing a location.
<code>WebKitErrorDomain</code>	A string used by NSError to indicate that the error was originated by a WebKit class.
<code>WebKitErrorFrameLoadInterruptedByPolicyChange</code>	Indicates that a frame load was interrupted by a policy change.
<code>WebKitErrorJavaUnavailable</code>	Indicates that Java is unavailable.
<code>WebKitErrorMIMETypeKey</code>	A dictionary key whose value is a string of the TYPE attribute.
<code>WebKitErrorPluginNameKey</code>	A dictionary key whose value is a string containing the plug-in's name.
<code>WebKitErrorPluginPageURLStringKey</code>	A dictionary key whose value is a URL string of the PLUGINSOURCE attribute.

## WebPolicyDelegate.h

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### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>WebActionButtonKey</code>	The event type that occurred.
<code>WebActionElementKey</code>	A dictionary containing element information. See the “Constants” section of WebView Class Reference for a description of the key-value pairs in this dictionary.
<code>WebActionModifierFlagsKey</code>	An unsigned number that indicates the modifier flag.
<code>WebActionNavigationTypeKey</code>	The navigation type of the action. Can be any of the values defined in “Navigation Type Values” below.

<code>WebActionOriginalURLKey</code>	The URL that initiated the action.
<code>WebNavigationType</code>	These constants are described in <code>WebPolicyDelegate</code> .
<code>WebNavigationTypeBackForward</code>	Indicates the user clicked back or forward button.
<code>WebNavigationTypeFormResubmitted</code>	Indicates a form was resubmitted (by virtue of doing a back, forward or reload action).
<code>WebNavigationTypeFormSubmitted</code>	Indicates a form was submitted.
<code>WebNavigationTypeLinkClicked</code>	Indicates a link (an href) was clicked.
<code>WebNavigationTypeOther</code>	Indicates that navigation is taking place for some other reason.
<code>WebNavigationTypeReload</code>	Indicates the user hit the reload button.

## WebPreferences.h

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### Data Types & Constants

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All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>WebPreferencesChangedNotification</code>	Posted when the web preference settings are changed.
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## WebUIDelegate.h

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### Data Types & Constants

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All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>WebMenuItemTagCopy</code>	Copy the element to the clipboard.
<code>WebMenuItemTagCopyImageToClipboard</code>	Copy the image to the clipboard.
<code>WebMenuItemTagCopyLinkToClipboard</code>	Copy the link to the clipboard.
<code>WebMenuItemTagDownloadImageToDisk</code>	Download the image to disk.
<code>WebMenuItemTagDownloadLinkToDisk</code>	Download the link to a disk.
<code>WebMenuItemTagOpenFrameInNewWindow</code>	Open the frame in a new window.
<code>WebMenuItemTagOpenImageInNewWindow</code>	Open the image in a new window.
<code>WebMenuItemTagOpenLinkInNewWindow</code>	Open the link in a new window.

## WebView.h

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### Data Types & Constants

---

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>WebElementFrameKey</code>	
<code>WebElementImageAltStringKey</code>	
<code>WebElementImageKey</code>	
<code>WebElementImageRectKey</code>	
<code>WebElementImageURLKey</code>	
<code>WebElementIsSelectedKey</code>	
<code>WebElementLinkLabelKey</code>	
<code>WebElementLinkTargetFrameKey</code>	
<code>WebElementLinkTitleKey</code>	
<code>WebElementLinkURLKey</code>	
<code>WebViewProgressEstimateChangedNotification</code>	Posted by a <code>WebView</code> object when the estimated progress value of a load changes.
<code>WebViewProgressFinishedNotification</code>	Posted by a <code>WebView</code> object when the load has finished.
<code>WebViewProgressStartedNotification</code>	Posted by a <code>WebView</code> object when a load begins, including a load that is initiated in a subframe.



# Document Revision History

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This table describes the changes to *WebKit Reference Update*.

Date	Notes
2008-11-19	Minor edits throughout.
2007-07-18	Updated with the symbols added to the WebKit framework in Mac OS X v10.5.
2005-04-29	Minor editorial corrections throughout.
	New document that summarizes the symbols added to the Web Kit framework in Mac OS X v10.4.

