WebKit Constants Reference

Cocoa > User Experience

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WebKit Constants Reference

Framework:	WebKit/WebKit.h
Declared in	WebKitErrors.h

Overview

This document describes the types and constants found in the WebKit:

Constants

Enumerations

WebEditingDelegate—WebViewInsertAction

```
typedef enum {
    WebViewInsertActionTyped,
    WebViewInsertActionPasted,
    WebViewInsertActionDropped,
} WebViewInsertAction;
```

Discussion
These constants are described in `WebEditingDelegate`.

Availability
Available in Mac OS X v10.3.9 and later.

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WebPolicyDelegate—WebNavigationType

```
typedef enum {
    WebNavigationTypeLinkClicked,
    WebNavigationTypeFormSubmitted,
    WebNavigationTypeBackForward,
    WebNavigationTypeReload,
    WebNavigationTypeFormResubmitted,
    WebNavigationTypeOther
} WebNavigationType;
```

Discussion
These constants are described in `WebPolicyDelegate`.

Availability
Available in Mac OS X v10.3.9 and later.

WebUIDelegate—WebDragDestinationAction

```
typedef enum {
    WebDragDestinationActionNone    = 0,
    WebDragDestinationActionDHTML   = 1,
    WebDragDestinationActionEdit    = 2,
    WebDragDestinationActionLoad    = 4,
    WebDragDestinationActionAny     = UINT_MAX
} WebDragDestinationAction;
```

Discussion
These constants are described in `WebUIDelegate`.

Availability
Available in Mac OS X v10.3.9 and later.

WebUIDelegate—WebDragSourceAction

```
typedef enum {
    WebDragSourceActionNone         = 0,
    WebDragSourceActionDHTML        = 1,
    WebDragSourceActionImage        = 2,
    WebDragSourceActionLink         = 4,
    WebDragSourceActionSelection    = 8,
    WebDragSourceActionAny          = UINT_MAX
} WebDragSourceAction;
```

Discussion
These constants are described in `WebUIDelegate`.

Availability
Available in Mac OS X v10.3.9 and later.

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WebUIDelegate—WebMenuItemTag

```
enum {
    WebMenuItemTagOpenLinkInNewWindow=1,
    WebMenuItemTagDownloadLinkToDisk,
    WebMenuItemTagCopyLinkToClipboard,
    WebMenuItemTagOpenImageInNewWindow,
    WebMenuItemTagDownloadImageToDisk,
    WebMenuItemTagCopyImageToClipboard,
    WebMenuItemTagOpenFrameInNewWindow,
    WebMenuItemTagCopy,
    WebMenuItemTagGoBack,
    WebMenuItemTagGoForward,
    WebMenuItemTagStop,
    WebMenuItemTagReload,
    WebMenuItemTagCut,
    WebMenuItemTagPaste,
    WebMenuItemTagSpellingGuess,
    WebMenuItemTagNoGuessesFound,
    WebMenuItemTagIgnoreSpelling,
    WebMenuItemTagLearnSpelling,
    WebMenuItemTagOther,
    WebMenuItemTagSearchInSpotlight,
    WebMenuItemTagSearchWeb,
    WebMenuItemTagLookUpInDictionary,
    WebMenuItemTagOpenWithDefaultApplication,
    WebMenuItemPDFActualSize,
    WebMenuItemPDFZoomIn,
    WebMenuItemPDFZoomOut,
    WebMenuItemPDFAutoSize,
    WebMenuItemPDFSinglePage,
    WebMenuItemPDFFacingPages,
    WebMenuItemPDFContinuous,
    WebMenuItemPDFNextPage,
    WebMenuItemPDFPreviousPage,
};
```

Discussion
These constants are described in `WebUIDelegate`.

Availability
`WebMenuItemTagGoBack`, `WebMenuItemTagGoForward`, `WebMenuItemTagStop`, and `WebMenuItemTagReload` available in Mac OS X v10.3.9 and later.

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WebKit Policy Errors

```
typedef enum {
 WebKitErrorCannotShowMIMEType =                            100,
 WebKitErrorCannotShowURL =                                 101,
 WebKitErrorFrameLoadInterruptedByPolicyChange =            102,
};
```

Constants

`WebKitErrorCannotShowMIMEType`

Indicates that a MIME type is not supported.

Available in Mac OS X v10.2 and later.

Declared in `WebKitErrors.h`.

`WebKitErrorCannotShowURL`

Indicates a failure in changing a location.

Available in Mac OS X v10.2 and later.

Declared in `WebKitErrors.h`.

`WebKitErrorFrameLoadInterruptedByPolicyChange`

Indicates that a frame load was interrupted by a policy change.

Available in Mac OS X v10.2 and later.

Declared in `WebKitErrors.h`.

Discussion

These errors occur when applying policy decisions.

WebKit Plug-in and Java Errors

```
typedef enum {
 WebKitErrorCannotFindPlugIn =                              200,
 WebKitErrorCannotLoadPlugIn =                              201,
 WebKitErrorJavaUnavailable =                               202,
};
```

Constants

`WebKitErrorCannotFindPlugIn`

Indicates a plug-in could not be found.

Available in Mac OS X v10.3 and later.

Declared in `WebKitErrors.h`.

`WebKitErrorCannotLoadPlugIn`

Indicates a plug-in could not be loaded.

Available in Mac OS X v10.3 and later.

Declared in `WebKitErrors.h`.

`WebKitErrorJavaUnavailable`

Indicates that Java is unavailable.

Available in Mac OS X v10.2 and later.

Declared in `WebKitErrors.h`.

Discussion

These errors occur when loading pages containing plug-in or Java content.

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Global Variables

WebArchive—Pasteboard Types

```
extern NSString *WebArchivePboardType;
```

Discussion
This constant is described in `WebArchive`.

WebHistory—User Info Dictionary Key

```
extern NSString *WebHistoryItemsKey;
```

Discussion
This constant is described in `WebHistory`.

WebPlugInViewFactory—Plug-in View Dictionary Keys

```
extern NSString *WebPlugInBaseURLKey;
extern NSString *WebPlugInAttributesKey;
extern NSString *WebPlugInContainerKey;
extern NSString *WebPlugInContainingElementKey;
```

Discussion
These constants are defined in `WebPlugInViewFactory`.

WebPolicyDelegate—Action Dictionary Keys

```
extern NSString *WebActionNavigationTypeKey;
extern NSString *WebActionElementKey;
extern NSString *WebActionButtonKey;
extern NSString *WebActionModifierFlagsKey;
extern NSString *WebActionOriginalURLKey;
```

Discussion
These constants are defined in `WebPolicyDelegate`.

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WebView—Element Dictionary Keys

```
extern NSString *WebElementDOMNodeKey;
extern NSString *WebElementFrameKey;
extern NSString *WebElementImageAltStringKey;
extern NSString *WebElementImageKey;
extern NSString *WebElementImageRectKey;
extern NSString *WebElementImageURLKey;
extern NSString *WebElementIsSelectedKey;
extern NSString *WebElementLinkURLKey;
extern NSString *WebElementLinkTargetFrameKey;
extern NSString *WebElementLinkTitleKey;
extern NSString *WebElementLinkLabelKey;
```

Discussion
These constants are defined in `WebView`.

Other WebKit Errors

```
extern NSString *WebKitErrorDomain;
extern NSString * const WebKitErrorMIMETypeKey;
extern NSString * const WebKitErrorPlugInNameKey;
extern NSString * const WebKitErrorPlugInPageURLStringKey;
```

Constants

`WebKitErrorDomain`
A string used by NSError to indicate that the error was originated by a WebKit class.
Available in Mac OS X v10.2 and later.
Declared in `WebKitErrors.h`.

`WebKitErrorMIMETypeKey`
A dictionary key whose value is a string of the `TYPE` attribute.
Available in Mac OS X v10.2 and later.
Declared in `WebKitErrors.h`.

`WebKitErrorPlugInNameKey`
A dictionary key whose value is a string containing the plug-in's name.
Available in Mac OS X v10.2 and later.
Declared in `WebKitErrors.h`.

`WebKitErrorPlugInPageURLStringKey`
A dictionary key whose value is a URL string of the `PLUGINSPAGE` attribute.
Available in Mac OS X v10.2 and later.
Declared in `WebKitErrors.h`.

Discussion
These errors occur while loading content.

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Notifications

WebHistory Notification Names

```
NSString *WebHistoryItemsAddedNotification;
NSString *WebHistoryItemsRemovedNotification;
NSString *WebHistoryAllItemsRemovedNotification;
NSString *WebHistoryLoadedNotification;
NSString *WebHistorySavedNotification;
```

Discussion
These notifications are described in *WebHistory Class Reference*.

WebPreferences Notification Names

```
NSString *WebPreferencesChangedNotification;
```

Discussion
This notification is described in *WebPreferences Class Reference*.

WebView Notification Names

```
NSString *WebViewDidBeginEditingNotification;
NSString *WebViewDidChangeNotification;
NSString *WebViewDidEndEditingNotification;
NSString *WebViewDidChangeTypingStyleNotification;
NSString *WebViewDidChangeSelectionNotification;
NSString *WebViewProgressEstimateChangedNotification;
NSString *WebViewProgressFinishedNotification;
NSString *WebViewProgressStartedNotification;
```

Discussion
These notifications are described in *WebView Class Reference*.

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Document Revision History

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

Date	Notes
2008-10-15	Minor edits throughout.
2008-06-19	Updated for Mac OS X v10.5.
2006-05-23	First publication of this content as a separate document.

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