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# WebHistoryItem Class Reference

[Cocoa](#) > [User Experience](#)



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# Contents

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## **WebHistoryItem Class Reference 5**

---

Overview	5
Adopted Protocols	5
Tasks	5
Initializing WebHistoryItem Objects	5
Getting URL Information	6
Getting and Setting Page Titles	6
Getting Other Attributes	6
Instance Methods	6
alternateTitle	6
icon	7
initWithURLString:title:lastVisitedTimeInterval:	7
lastVisitedTimeInterval	7
originalURLString	7
setAlternateTitle:	8
title	8
URLString	9
Notifications	9
WebHistoryItemChangedNotification	9

---

## **Document Revision History 11**

---

## **Index 13**

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# WebHistoryItem Class Reference

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<b>Inherits from</b>	NSObject
<b>Conforms to</b>	NSCopying NSObject (NSObject)
<b>Framework</b>	/System/Library/Frameworks/WebKit.framework
<b>Availability</b>	Available in Mac OS X v10.2 with Safari 1.0 and later. Available in Mac OS X v10.2.7 and later.
<b>Companion guide</b>	WebKit Objective-C Programming Guide
<b>Declared in</b>	WebHistoryItem.h

## Overview

WebHistoryItem objects encapsulate information about visiting a page so that users can return to that page. WebHistory and WebBackForwardList objects manage lists of WebHistoryItem objects. WebHistoryItem objects are created and added to these lists automatically when loading pages, so you do not need to create WebHistoryItem objects directly.

## Adopted Protocols

NSCopying  
- copyWithZone:

## Tasks

### Initializing WebHistoryItem Objects

- [initWithURLString:title:lastVisitedTimeInterval:](#) (page 7)  
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.

## Getting URL Information

- [URLString](#) (page 9)  
Returns the string representation of the URL for the receiver's page.
- [originalURLString](#) (page 7)  
Returns the string representation of the original URL for the receiver's page.

## Getting and Setting Page Titles

- [title](#) (page 8)  
Returns the receiver's original page title.
- [alternateTitle](#) (page 6)  
Returns an alternate title that may be used in place of the receiver's page title.
- [setAlternateTitle:](#) (page 8)  
Sets an alternate title for a page.

## Getting Other Attributes

- [icon](#) (page 7)  
Returns the icon for the receiver's page, or `nil` if none exists.
- [lastVisitedTimeInterval](#) (page 7)  
Returns the last time and date the receiver's page was visited.

## Instance Methods

### **alternateTitle**

Returns an alternate title that may be used in place of the receiver's page title.

```
- (NSString *)alternateTitle
```

#### **Discussion**

This method returns `nil` if no alternate title exists.

#### **Availability**

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

#### **See Also**

- [setAlternateTitle:](#) (page 8)

#### **Declared In**

WebHistoryItem.h

## icon

Returns the icon for the receiver's page, or `nil` if none exists.

```
- (NSImage *)icon
```

### Availability

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

### Declared In

WebHistoryItem.h

## initWithURLString:title:lastVisitedTimeInterval:

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.

```
- (id)initWithURLString:(NSString *)URLString title:(NSString *)title
  lastVisitedTimeInterval:(NSTimeInterval)time
```

### Discussion

WebKit normally creates WebHistoryItem objects for you but on occasion you might want to create an item and add it to the WebBackForwardList yourself. Note that when an instance is first initialized the strings returned by [URLString](#) (page 9) and [originalURLString](#) (page 7) are the same.

### Availability

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

### Declared In

WebHistoryItem.h

## lastVisitedTimeInterval

Returns the last time and date the receiver's page was visited.

```
- (NSTimeInterval)lastVisitedTimeInterval
```

### Discussion

The interval is from a reference date as determined by NSDate.

### Availability

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

### Declared In

WebHistoryItem.h

## originalURLString

Returns the string representation of the original URL for the receiver's page.

- (NSString \*)originalURLString

**Availability**

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

**See Also**

- [URLString](#) (page 9)

**Declared In**

WebHistoryItem.h

## setAlternateTitle:

Sets an alternate title for a page.

- (void)setAlternateTitle:(NSString \*)*alternateTitle*

**Discussion**

This is used as a convenience to display or store short versions of the page title.

**Availability**

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

**See Also**

- [alternateTitle](#) (page 6)

- [title](#) (page 8)

**Declared In**

WebHistoryItem.h

## title

Returns the receiver's original page title.

- (NSString \*)title

**Discussion**

The title returned comes from the title HTML tag for HTML documents.

**Availability**

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

**See Also**

- [alternateTitle](#) (page 6)

- [setAlternateTitle:](#) (page 8)

**Declared In**

WebHistoryItem.h



## URLString

Returns the string representation of the URL for the receiver's page.

- (NSString \*)URLString

### Discussion

This URL may differ from the original URL if the page was, for example, redirected to a new location.

### Availability

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

### See Also

- [originalURLString](#) (page 7)

### Declared In

WebHistoryItem.h

## Notifications

### WebHistoryItemChangedNotification

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

This notification does not contain a userInfo dictionary.

### Availability

Available in Mac OS X v10.2 with Safari 1.0 and later.

Available in Mac OS X v10.2.7 and later.

### See Also

- [setAlternateTitle:](#) (page 8)

### Declared In

WebHistoryItem.h



# Document Revision History

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This table describes the changes to *WebHistoryItem Class Reference*.

Date	Notes
2008-10-15	Minor edits throughout.
2006-05-23	First publication of this content as a separate document.

## REVISION HISTORY

### Document Revision History

# Index

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## A

---

alternateTitle **instance method** [6](#)

## I

---

icon **instance method** [7](#)  
initWithURLString:title:lastVisitedTimeInterval:  
instance method [7](#)

## L

---

lastVisitedTimeInterval **instance method** [7](#)

## O

---

originalURLString **instance method** [7](#)

## S

---

setAlternateTitle: **instance method** [8](#)

## T

---

title **instance method** [8](#)

## U

---

URLString **instance method** [9](#)

## W

---

WebHistoryItemChangedNotification **notification**  
[9](#)