
WebArchive Class Reference

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



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Contents

WebArchive Class Reference 5

Overview	5
Tasks	5
Initializing	5
Getting Attributes	5
Instance Methods	6
data	6
initWithData:	6
initWithMainResource:subresources:subframeArchives:	6
mainResource	7
subframeArchives	7
subresources	7
Constants	8
WebArchivePboardType	8

Document Revision History 9

Index 11

WebArchive Class Reference

Inherits from	NSObject
Conforms to	NSCoding NSCopying NSObject (NSObject)
Framework	/System/Library/Frameworks/WebKit.framework
Availability	Available in Mac OS X v10.3.9 and later.
Companion guide	WebKit Objective-C Programming Guide
Declared in	WebArchive.h

Overview

A WebArchive object represents a webpage that can be archived—for example, archived on disk or on the pasteboard. A WebArchive object contains the main resource, as well as the subresources and subframes of the main resource. The main resource can be an entire webpage, a portion of a webpage, or some other kind of data such as an image. Use this class to archive webpages, or place a portion of a webpage on the pasteboard, or to represent rich web content in any application.

Tasks

Initializing

- [initWithMainResource:subresources:subframeArchives:](#) (page 6)
Initializes the receiver with a resource and optional subresources and subframe archives..
- [initWithData:](#) (page 6)
Initializes and returns the receiver, specifying the initial content data.

Getting Attributes

- [mainResource](#) (page 7)
Returns the receiver's main resource.
- [subresources](#) (page 7)
Returns the receiver's subresources, or `nil` if there are none.

- [subframeArchives](#) (page 7)
Returns archives representing the receiver's subresources or `nil` if there are none.
- [data](#) (page 6)
Returns the data representation of the receiver.

Instance Methods

data

Returns the data representation of the receiver.

- (NSData *)data

Discussion

The data returned can be used to save the web archive to a file, to put it on the pasteboard using the [WebArchivePboardType](#) (page 8) type, or used to initialize another web archive using the [initWithData:](#) (page 6) method.

Availability

Available in Mac OS X v10.3.9 and later.

Declared In

WebArchive.h

initWithData:

Initializes and returns the receiver, specifying the initial content data.

- (id)initWithData:(NSData *)data

Discussion

Use the [data](#) (page 6) method to get the receiver's data.

Availability

Available in Mac OS X v10.3.9 and later.

Declared In

WebArchive.h

initWithMainResource:subresources:subframeArchives:

Initializes the receiver with a resource and optional subresources and subframe archives..

- (id)initWithMainResource:(WebResource *)mainResource subresources:(NSArray *)subresources subframeArchives:(NSArray *)subframeArchives

Discussion

This method initializes and returns the receiver by setting the main resource to *mainResource*, and setting the subresources and subframe archives if supplied. The *subresources* argument should be an array of WebResource objects or *nil* if none are specified. The *subframeArchives* should be an array of WebArchive objects used by the subframes or *nil* if none are specified.

Availability

Available in Mac OS X v10.3.9 and later.

Declared In

WebArchive.h

mainResource

Returns the receiver's main resource.

- (WebResource *)mainResource

Availability

Available in Mac OS X v10.3.9 and later.

Declared In

WebArchive.h

subframeArchives

Returns archives representing the receiver's subresources or *nil* if there are none.

- (NSArray *)subframeArchives

Availability

Available in Mac OS X v10.3.9 and later.

See Also

- [subresources](#) (page 7)

Declared In

WebArchive.h

subresources

Returns the receiver's subresources, or *nil* if there are none.

- (NSArray *)subresources

Availability

Available in Mac OS X v10.3.9 and later.

See Also

- [subframeArchives](#) (page 7)

Declared In
WebArchive.h

Constants

WebArchivePboardType

The pasteboard type for this class.

```
extern NSString *WebArchivePboardType;
```

Constants

WebArchivePboardType

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

Available in Mac OS X v10.3 and later.

Declared in WebArchive.h.

Document Revision History

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

Date	Notes
2009-04-08	Minor edits throughout.
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

Document Revision History

Index

D

data [instance method 6](#)

I

initWithData: [instance method 6](#)
initWithMainResource:subresources:
 subframeArchives: [instance method 6](#)

M

mainResource [instance method 7](#)

S

subframeArchives [instance method 7](#)
subresources [instance method 7](#)

W

WebArchivePboardType [8](#)
WebArchivePboardType [constant 8](#)