
WebDocumentRepresentation Protocol Reference

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



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WebDocumentRepresentation Protocol Reference

Conforms to	NSObject
Framework	/System/Library/Frameworks/WebKit.framework
Availability	Available in Mac OS X v10.2 with Safari 1.0 and later. Available in Mac OS X v10.2.7 and later.
Companion guide	WebKit Objective-C Programming Guide
Declared in	WebDocument.h

Overview

This protocol is adopted by document representation classes that handle specific MIME types. You can implement your own document view classes and document representation classes to render data for specific MIME types, and register those classes using the `WebFrame` `registerViewClass:representationClass:forMIMEType:` method.

Tasks

Setting the Data Source

- [setDataSource:](#) (page 8)
Sets the receiver's data source.

Loading Content

- [receivedData:withDataSource:](#) (page 7)
Invoked when a data source has received some data.
- [receivedError:withDataSource:](#) (page 7)
Invoked when a data source receives an error loading its content.
- [finishedLoadingWithDataSource:](#) (page 7)
Invoked when a data source finishes loading its content.

Getting Document Source

- [canProvideDocumentSource](#) (page 6)
Returns whether the receiver can provide content source.
- [documentSource](#) (page 6)
Returns the receiver's source as text.

Getting the Document Title

- [title](#) (page 8)
Returns the receiver's document title.

Instance Methods

canProvideDocumentSource

Returns whether the receiver can provide content source.

- (BOOL)canProvideDocumentSource

Discussion

This method returns YES if the receiver can provide source for the document content (for example, HTML source), NO otherwise.

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

- [documentSource](#) (page 6)

Declared In

WebDocument.h

documentSource

Returns the receiver's source as text.

- (NSString *)documentSource

Discussion

For example, for HTML documents, returns the HTML source.

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

- [canProvideDataSource](#) (page 6)

Declared In

WebDocument.h

finishedLoadingWithDataSource:

Invoked when a data source finishes loading its content.

- (void)finishedLoadingWithDataSource:(WebDataSource *)*dataSource*

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

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

Declared In

WebDocument.h

receivedData:withDataSource:

Invoked when a data source has received some data.

- (void)receivedData:(NSData *)*data* withDataSource:(WebDataSource *)*dataSource*

Discussion

Data is loaded incrementally so this method may be invoked multiple times.

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

- [receivedError:withDataSource:](#) (page 7)

Declared In

WebDocument.h

receivedError:withDataSource:

Invoked when a data source receives an error loading its content.

- (void)receivedError:(NSError *)*error* withDataSource:(WebDataSource *)*dataSource*

Discussion

The *error* argument contains details on the error that occurred.

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

- [receivedData:withDataSource:](#) (page 7)

Declared In

WebDocument.h

setDataSource:

Sets the receiver's data source.

- (void)setDataSource:(WebDataSource *)*dataSource*

Discussion

This method is invoked soon after the document representation is created.

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

- [finishedLoadingWithDataSource:](#) (page 7)

Declared In

WebDocument.h

title

Returns the receiver's document title.

- (NSString *)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.

Declared In

WebDocument.h

Document Revision History

This table describes the changes to *WebDocumentRepresentation Protocol Reference*.

Date	Notes
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

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