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# WebView Class Reference

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



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Apple Inc.  
1 Infinite Loop  
Cupertino, CA 95014  
408-996-1010

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# WebView Class Reference

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<b>Inherits from</b>	NSView : NSResponder : NSObject
<b>Conforms to</b>	NSAnimatablePropertyContainer (NSView) NSCoding (NSResponder) 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>	WebView.h

## Overview

`WebView` objects and their subviews display the web content contained in a frame. You never create instances of `WebView` directly—`WebView` objects create and manage a hierarchy of `WebView` objects, one for each frame. `WebView` objects use a scroll view whose document view conforms to the `WebViewDocumentView` protocol.

## Tasks

### Getting the Web Frame

- [webView](#) (page 9)  
Returns the web frame.

### Getting Subviews

- [documentView](#) (page 7)  
Returns the subview that displays the web content.

## Setting Scrolling Behavior

- [setAllowsScrolling](#): (page 8)  
Sets whether the frame view should allow users to scroll.
- [allowsScrolling](#) (page 6)  
Returns a Boolean value indicating whether users can scroll.

## Printing Views

- [canPrintHeadersAndFooters](#) (page 6)  
Returns a Boolean value indicating whether the receiver can print headers and footers.
- [printOperationWithPrintInfo](#): (page 8)  
Returns a print operation object to print this frame.
- [documentViewShouldHandlePrint](#) (page 7)  
Returns a Boolean value indicating whether the document view should handle a print operation.
- [printDocumentView](#) (page 7)  
Prints the receiver.

## Instance Methods

### allowsScrolling

Returns a Boolean value indicating whether users can scroll.

- (BOOL)allowsScrolling

#### Return Value

YES if the receiver allows users to scroll; otherwise, NO.

#### 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

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

#### Declared In

WebFrameView.h

### canPrintHeadersAndFooters

Returns a Boolean value indicating whether the receiver can print headers and footers.

- (BOOL)canPrintHeadersAndFooters

### Return Value

YES if the receiver can print headers and footers; otherwise, NO.

### Availability

Available in Mac OS X v10.4.11 and later.

### Declared In

WebView.h

## documentView

Returns the subview that displays the web content.

- (NSView < WebDocumentView > \*)documentView

### Return Value

The subview that displays the web content.

### Discussion

Use [setAllowsScrolling:](#) (page 8) to enable scrolling of this view.

### 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

WebView.h

## documentViewShouldHandlePrint

Returns a Boolean value indicating whether the document view should handle a print operation.

- (BOOL)documentViewShouldHandlePrint

### Return Value

YES if the document view should handle the print operation; otherwise, NO.

### Discussion

If this method returns NO, the application terminates its print operation and sends [printDocumentView](#) (page 7) to the web frame view.

### Availability

Available in Mac OS X v10.4.11 and later.

### Declared In

WebView.h

## printDocumentView

Prints the receiver.

- (void)printDocumentView

**Discussion**

This method is invoked if the [documentViewShouldHandlePrint](#) (page 7) method returns NO.

**Availability**

Available in Mac OS X v10.4.11 and later.

**Declared In**

WebFrameView.h

**printOperationWithPrintInfo:**

Returns a print operation object to print this frame.

```
- (NSPrintOperation *)printOperationWithPrintInfo:(NSPrintInfo *)printInfo
```

**Parameters**

*printInfo*

Information about the print settings needed to print this frame. See [NSPrintInfo Class Reference](#) for more information about this object.

**Return Value**

An [NSPrintOperation](#) object set up to print this frame. See [NSPrintOperation Class Reference](#) for more information about this object.

**Availability**

Available in Mac OS X v10.4.11 and later.

**Declared In**

WebFrameView.h

**setAllowsScrolling:**

Sets whether the frame view should allow users to scroll.

```
- (void)setAllowsScrolling:(BOOL) flag
```

**Parameters**

*flag*

If YES, scrolling is allowed; if NO, it is not. If the frame contains a scrolling element, then that value is used as the default; otherwise, the default is YES.

**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**

- [allowsScrolling](#) (page 6)

**Declared In**

WebFrameView.h



## **webFrame**

Returns the web frame.

- (WebFrame \*)webFrame

### **Return Value**

The web frame.

### **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**

WebFrameView.h



# Document Revision History

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

Date	Notes
2009-03-04	Added separate parameter and return-value descriptions.
2008-06-19	Updated for Mac OS X v10.5.
2006-05-23	First publication of this content as a separate document.

## REVISION HISTORY

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