UIWebViewDelegate Protocol Reference

User Experience: Windows & Views

2008-10-15

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UIWebViewDelegate Protocol Reference

Conforms to	NSObject
Framework	/System/Library/Frameworks/UIKit.framework
Availability	Available in iPhone OS 2.0 and later.
Declared in	UIWebView.h
Related sample code	UICatalog

Overview

Important: This is a preliminary document for an API or technology in development. Although this document has been reviewed for technical accuracy, it is not final. Apple is supplying this information to help you plan for the adoption of the technologies and programming interfaces described herein. This information is subject to change, and software implemented according to this document should be tested with final operating system software and final documentation. Newer versions of this document may be provided with future seeds of the API or technology. For information about updates to this and other developer documentation, view the New & Updated sidebars in subsequent documentation seeds.

The `UIWebViewDelegate` protocol defines methods that a delegate of a `UIWebView` object can optionally implement to intervene when web content is loaded.

Important: Before releasing an instance of `UIWebView` for which you have set a delegate, you must first set the `UIWebView` delegate property to `nil` before disposing of the `UIWebView` instance. This can be done, for example, in the dealloc method where you dispose of the `UIWebView`.

Tasks

Loading Content

- `webView:shouldStartLoadWithRequest:navigationType:` (page 6) *optional method*
  Sent before a web view begins loading content. This method is optional.
- `webViewDidStartLoad:` (page 7) *optional method*
  Sent after a web view starts loading content. This method is optional.

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- `webViewDidFinishLoad:` (page 7) *optional method*
  Sent after a web view finishes loading content. This method is optional.
- `webView:didFailLoadWithError:` (page 6) *optional method*
  Sent if a web view failed to load content. This method is optional.

Instance Methods

webView:didFailLoadWithError:

Sent if a web view failed to load content. This method is optional.

```
- (void)webView:(UIWebView *)webView didFailLoadWithError:(NSError *)error
```

Parameters

webView
  The web view that failed to load content.

error
  The error that occurred during loading.

Availability
Available in iPhone OS 2.0 and later.

See Also
- `webView:shouldStartLoadWithRequest:navigationType:` (page 6)
- `webViewDidStartLoad:` (page 7)
- `webViewDidFinishLoad:` (page 7)

Declared In
`UIWebView.h`

webView:shouldStartLoadWithRequest:navigationType:

Sent before a web view begins loading content. This method is optional.

```
- (BOOL)webView:(UIWebView *)webView shouldStartLoadWithRequest:(NSURLRequest
    *)request navigationType:(UIWebViewNavigationType)navigationType
```

Parameters

webView
  The web view that is about to load content.

request
  The content location.

navigationType
  The type of user action that started the load request.

Return Value
`YES` if the web view should begin loading content; otherwise, `NO`.

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Availability
Available in iPhone OS 2.0 and later.

See Also
- `webViewDidStartLoad:` (page 7)
- `webViewDidFinishLoad:` (page 7)
- `webView:didFailLoadWithError:` (page 6)

Declared In
`UIWebView.h`

webViewDidFinishLoad:

Sent after a web view finishes loading content. This method is optional.

```
- (void)webViewDidFinishLoad:(UIWebView *)webView
```

Parameters

webView
The web view has finished loading.

Availability
Available in iPhone OS 2.0 and later.

See Also
- `webView:shouldStartLoadWithRequest:navigationType:` (page 6)
- `webViewDidStartLoad:` (page 7)
- `webView:didFailLoadWithError:` (page 6)

Declared In
`UIWebView.h`

webViewDidStartLoad:

Sent after a web view starts loading content. This method is optional.

```
- (void)webViewDidStartLoad:(UIWebView *)webView
```

Parameters

webView
The web view that has begun loading content.

Availability
Available in iPhone OS 2.0 and later.

See Also
- `webView:shouldStartLoadWithRequest:navigationType:` (page 6)
- `webViewDidFinishLoad:` (page 7)
- `webView:didFailLoadWithError:` (page 6)

Declared In
`UIWebView.h`

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Document Revision History

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

Date	Notes
2008-10-15	Added warning about setting the UIWebView delegate to nil.
2008-09-09	Removed the text about the delegate being informed of scale changes.
2008-03-12	New document that describes the protocol for intervening when web content is loaded or its scale changes.

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