
NSURLHandleClient Protocol Reference

Networking, Internet, & Web: Protocol Streams



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NSURLHandleClient Protocol Reference

Adopted by	NSURL
Framework	/System/Library/Frameworks/Foundation.framework
Availability	Available in Mac OS X v10.0 and later.
Declared in	NSURLHandle.h

`NSURLHandleClient` is deprecated in Mac OS X v10.4 and later. Applications that are intended for deployment on Mac OS X v10.3 or later should use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.

Overview

This protocol defines the interface for clients to `NSURLHandle`.

Tasks

Notification Methods

- `NSURLHandle:resourceDataDidBecomeAvailable:` (page 7) *required method* **Deprecated in Mac OS X v10.4 and later**
Sent periodically by an URL handle when new resource data becomes available. (required) **Deprecated.** Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)
- `NSURLHandle:resourceDidFailLoadingWithReason:` (page 7) *required method* **Deprecated in Mac OS X v10.4 and later**
Sent when the URL handle failed to load resource data for some reason other than being canceled. (required) **Deprecated.** Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)
- `NSURLHandleResourceDidBeginLoading:` (page 8) *required method* **Deprecated in Mac OS X v10.4 and later**
Sent when an URL handle begins loading resource data. (required) **Deprecated.** Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)
- `NSURLHandleResourceDidCancelLoading:` (page 8) *required method* **Deprecated in Mac OS X v10.4 and later**
Sent when an URL handle has canceled loading resource data in response to a programmatic request. (required) **Deprecated.** Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)

- `URLHandleResourceDidFinishLoading:` (page 8) *required method* **Deprecated in Mac OS X v10.4 and later**

Sent when an URL handle finishes loading resource data. (required) **(Deprecated.** Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)

Deprecated NSURLHandleClient Methods

A method identified as deprecated has been superseded and may become unsupported in the future.

Deprecated in Mac OS X v10.4 and later

URLHandle:resourceDataDidBecomeAvailable:

Sent periodically by an URL handle when new resource data becomes available. (required) (Deprecated in Mac OS X v10.4 and later. Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)

```
- (void)URLHandle:(NSURLHandle *)sender resourceDataDidBecomeAvailable:(NSData *)newBytes
```

Parameters

sender

The URL handle sending the message.

newBytes

The newly available data.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURLHandle.h

URLHandle:resourceDidFailLoadingWithReason:

Sent when the URL handle failed to load resource data for some reason other than being canceled. (required) (Deprecated in Mac OS X v10.4 and later. Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)

```
- (void)URLHandle:(NSURLHandle *)sender resourceDidFailLoadingWithReason:(NSString *)reason
```

Parameters

sender

The URL handle sending the message.

reason

A human-readable, localized string describing why the load failed.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURLHandle.h

URLHandleResourceDidBeginLoading:

Sent when an URL handle begins loading resource data. (required) (Deprecated in Mac OS X v10.4 and later. Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)

```
- (void)URLHandleResourceDidBeginLoading:(NSURLHandle *)sender
```

Parameters*sender*

The URL handle sending the message.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURLHandle.h

URLHandleResourceDidCancelLoading:

Sent when an URL handle has canceled loading resource data in response to a programmatic request. (required) (Deprecated in Mac OS X v10.4 and later. Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)

```
- (void)URLHandleResourceDidCancelLoading:(NSURLHandle *)sender
```

Parameters*sender*

The URL handle sending the message.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURLHandle.h

URLHandleResourceDidFinishLoading:

Sent when an URL handle finishes loading resource data. (required) (Deprecated in Mac OS X v10.4 and later. Use `NSURLConnection` or `NSURLDownload` instead; see *URL Loading System*.)

```
- (void)URLHandleResourceDidFinishLoading:(NSURLHandle *)sender
```

Parameters*sender*

The URL handle sending the message.

Availability

Deprecated in Mac OS X v10.4 and later.

APPENDIX A

Deprecated NSURLHandleClient Methods

Declared In

NSURLHandle.h

Document Revision History

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

Date	Notes
2006-05-23	Updated to reflect that this class is deprecated in Mac OS X v10.4 and later.
	First publication of this content as a separate document.

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