
NSURLClient Protocol Reference

(Not Recommended)



2006-08-01



Apple Inc.
© 2006 Apple Computer, Inc.
All rights reserved.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, mechanical, electronic, photocopying, recording, or otherwise, without prior written permission of Apple Inc., with the following exceptions: Any person is hereby authorized to store documentation on a single computer for personal use only and to print copies of documentation for personal use provided that the documentation contains Apple's copyright notice.

The Apple logo is a trademark of Apple Inc.

Use of the "keyboard" Apple logo (Option-Shift-K) for commercial purposes without the prior written consent of Apple may constitute trademark infringement and unfair competition in violation of federal and state laws.

No licenses, express or implied, are granted with respect to any of the technology described in this document. Apple retains all intellectual property rights associated with the technology described in this document. This document is intended to assist application developers to develop applications only for Apple-labeled computers.

Every effort has been made to ensure that the information in this document is accurate. Apple is not responsible for typographical errors.

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

Apple, the Apple logo, Cocoa, Mac, and Mac OS are trademarks of Apple Inc., registered in the United States and other countries.

Simultaneously published in the United States and Canada.

Even though Apple has reviewed this document, APPLE MAKES NO WARRANTY OR REPRESENTATION, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS DOCUMENT, ITS QUALITY, ACCURACY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. AS A RESULT, THIS DOCUMENT IS PROVIDED "AS IS," AND YOU, THE READER, ARE ASSUMING THE ENTIRE RISK AS TO ITS QUALITY AND ACCURACY.

IN NO EVENT WILL APPLE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY

DEFECT OR INACCURACY IN THIS DOCUMENT, even if advised of the possibility of such damages.

THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. No Apple dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

Some states do not allow the exclusion or limitation of implied warranties or liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Contents

NSURLClient Protocol Reference (Not Recommended) 5

Overview 5

Tasks 5

 Working with URL Clients 5

Appendix A Deprecated NSURLClient Methods 7

Deprecated in Mac OS X v10.4 and later 7

 URL:resourceDataDidBecomeAvailable: 7

 URL:resourceDidFailLoadingWithReason: 7

 URLResourceDidCancelLoading: 8

 URLResourceDidFinishLoading: 8

Document Revision History 9

Index 11

NSURLClient Protocol Reference (Not Recommended)

(informal protocol)

Framework	/System/Library/Frameworks/Foundation.framework
Availability	Deprecated in Mac OS X v10.4 and later.
Declared in	NSURL.h

Important: `NSURLClient` 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

`NSURLClient` 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*.

Tasks

Working with URL Clients

- `URL:resourceDataDidBecomeAvailable:` (page 7) *required method* **Deprecated in Mac OS X v10.4 and later**
Notifies the URL client that the URL has loaded new data. (required)
- `URL:resourceDidFailLoadingWithReason:` (page 7) *required method* **Deprecated in Mac OS X v10.4 and later**
Notifies the URL client that the URL failed to load its resource data. (required)
- `URLResourceDidCancelLoading:` (page 8) *required method* **Deprecated in Mac OS X v10.4 and later**
Notifies the URL client that the URL stopped loading its resource data because loading was canceled. (required)
- `URLResourceDidFinishLoading:` (page 8) *required method* **Deprecated in Mac OS X v10.4 and later**
Notifies the URL client that the URL has finished loading its resource data. (required)

Deprecated NSURLClient 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

URL:resourceDataDidBecomeAvailable:

Notifies the URL client that the URL has loaded new data. (required) (Deprecated in Mac OS X v10.4 and later.)

```
- (void)URL:(NSURL *)sender resourceDataDidBecomeAvailable:(NSData *)newBytes
```

Parameters

sender

The URL that has loaded new data.

newBytes

The newly loaded data.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURL.h

URL:resourceDidFailLoadingWithReason:

Notifies the URL client that the URL failed to load its resource data. (required) (Deprecated in Mac OS X v10.4 and later.)

```
- (void)URL:(NSURL *)sender resourceDidFailLoadingWithReason:(NSString *)reason
```

Parameters

sender

The URL that failed to load its resource data.

reason

The reason the load failed.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURL.h

URLResourceDidCancelLoading:

Notifies the URL client that the URL stopped loading its resource data because loading was canceled. (required) (Deprecated in Mac OS X v10.4 and later.)

```
- (void)URLResourceDidCancelLoading:(NSURL *)sender
```

Parameters

sender

The URL that stopped loading its resource data because loading was canceled.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURL.h

URLResourceDidFinishLoading:

Notifies the URL client that the URL has finished loading its resource data. (required) (Deprecated in Mac OS X v10.4 and later.)

```
- (void)URLResourceDidFinishLoading:(NSURL *)sender
```

Parameters

sender

The URL that has finished loading its resource data.

Availability

Deprecated in Mac OS X v10.4 and later.

Declared In

NSURL.h

Document Revision History

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

Date	Notes
2006-08-01	Updated deprecated status of class.
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

Document Revision History

Index

U

URL:resourceDataDidBecomeAvailable: <NSObject>
instance method [7](#)

URL:resourceDidFailLoadingWithReason:
<NSObject> instance method [7](#)

URLResourceDidCancelLoading: <NSObject> instance
method [8](#)

URLResourceDidFinishLoading: <NSObject> instance
method [8](#)