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# NSURLAuthenticationChallengeSender Protocol Reference

Networking, Internet, & Web: Protocol Streams



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

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# NSURLAuthenticationChallengeSender Protocol Reference

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<b>Conforms to</b>	NSObject
<b>Framework</b>	/System/Library/Frameworks/Foundation.framework
<b>Availability</b>	Available in Mac OS X v10.2 with Safari 1.0 installed. Available in Mac OS X v10.2.7 and later.
<b>Companion guide</b>	URL Loading System
<b>Declared in</b>	NSURLAuthenticationChallenge.h

## Overview

The `NSURLAuthenticationChallengeSender` protocol represents the interface that the sender of an authentication challenge must implement.

The methods in the protocol are generally sent by a delegate in response to receiving a `connection:didReceiveAuthenticationChallenge:` or `download:didReceiveAuthenticationChallenge:`. The different methods provide different ways of responding to authentication challenges.

## Tasks

### Protocol Methods

- `cancelAuthenticationChallenge:` (page 6) *required method*  
Cancels a given authentication challenge. (required)
- `continueWithoutCredentialForAuthenticationChallenge:` (page 6) *required method*  
Attempt to continue downloading a request without providing a credential for a given challenge. (required)
- `useCredential:forAuthenticationChallenge:` (page 6) *required method*  
Attempt to use a given credential for a given authentication challenge. (required)

## Instance Methods

### **cancelAuthenticationChallenge:**

Cancels a given authentication challenge. (required)

```
- (void)cancelAuthenticationChallenge:(NSURLAuthenticationChallenge *)challenge
```

#### **Parameters**

*challenge*

The authentication challenge to cancel.

#### **Availability**

Available in Mac OS X v10.2 with Safari 1.0 installed.

Available in Mac OS X v10.2.7 and later.

#### **Declared In**

NSURLAuthenticationChallenge.h

### **continueWithoutCredentialForAuthenticationChallenge:**

Attempt to continue downloading a request without providing a credential for a given challenge. (required)

```
- (void)continueWithoutCredentialForAuthenticationChallenge:(NSURLAuthenticationChallenge *)challenge
```

#### **Parameters**

*challenge*

A challenge without authentication credentials.

#### **Discussion**

This method has no effect if it is called with an authentication challenge that has already been handled.

#### **Availability**

Available in Mac OS X v10.2 with Safari 1.0 installed.

Available in Mac OS X v10.2.7 and later.

#### **Declared In**

NSURLAuthenticationChallenge.h

### **useCredential:forAuthenticationChallenge:**

Attempt to use a given credential for a given authentication challenge. (required)

```
- (void)useCredential:(NSURLCredential *)credential
forAuthenticationChallenge:(NSURLAuthenticationChallenge *)challenge
```

#### **Parameters**

*credential*

The credential to use for authentication.

*challenge*

The challenge for which to use *credential*.

**Discussion**

This method has no effect if it is called with an authentication challenge that has already been handled.

**Availability**

Available in Mac OS X v10.2 with Safari 1.0 installed.

Available in Mac OS X v10.2.7 and later.

**Declared In**

NSURLAuthenticationChallenge.h



# Document Revision History

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

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

**REVISION HISTORY**

Document Revision History

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## C

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`cancelAuthenticationChallenge:` **protocol instance method 6**

`continueWithoutCredentialForAuthenticationChallenge:` **protocol instance method 6**

## U

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`useCredential:forAuthenticationChallenge:` **protocol instance method 6**