
NSURLCredentialStorage Class Reference

Networking, Internet, & Web: Protocol Streams



2006-05-23



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Contents

NSURLCredentialStorage Class Reference 5

Overview	5
Tasks	5
Getting the Credential Storage	5
Getting and Setting Default Credentials	5
Adding and Removing Credentials	5
Retrieving Credentials	6
Class Methods	6
sharedCredentialStorage	6
Instance Methods	6
allCredentials	6
credentialsForProtectionSpace:	7
defaultCredentialForProtectionSpace:	7
removeCredential:forProtectionSpace:	8
setCredential:forProtectionSpace:	8
setDefaultCredential:forProtectionSpace:	9
Notifications	9
NSURLCredentialStorageChangedNotification	9

Document Revision History 11

Index 13

NSURLCredentialStorage Class Reference

Inherits from	NSObject
Conforms to	NSObject (NSObject)
Framework	/System/Library/Frameworks/Foundation.framework
Availability	Available in Mac OS X v10.2 with Safari 1.0 installed. Available in Mac OS X v10.2.7 and later.
Companion guide	URL Loading System
Declared in	NSURLCredentialStorage.h

Overview

NSURLCredentialStorage implements a singleton (shared object) that manages the credential storage.

Tasks

Getting the Credential Storage

- + [sharedCredentialStorage](#) (page 6)
Returns the shared URL credential storage object.

Getting and Setting Default Credentials

- [defaultCredentialForProtectionSpace:](#) (page 7)
Returns the default credential for the specified *protectionSpace*.
- [setDefaultCredential:forProtectionSpace:](#) (page 9)
Sets the default credential for a specified protection space.

Adding and Removing Credentials

- [removeCredential:forProtectionSpace:](#) (page 8)
Removes a specified credential from the credential storage for the specified protection space.

- [setCredential:forProtectionSpace:](#) (page 8)
Adds *credential* to the credential storage for the specified *protectionSpace*.

Retrieving Credentials

- [allCredentials](#) (page 6)
Returns a dictionary containing the credentials for all available protection spaces.
- [credentialsForProtectionSpace:](#) (page 7)
Returns a dictionary containing the credentials for the specified protection space.

Class Methods

sharedCredentialStorage

Returns the shared URL credential storage object.

```
+ (NSURLCredentialStorage *)sharedCredentialStorage
```

Return Value

The shared NSURLCredentialStorage object.

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

NSURLCredentialStorage.h

Instance Methods

allCredentials

Returns a dictionary containing the credentials for all available protection spaces.

```
- (NSDictionary *)allCredentials
```

Return Value

A dictionary containing the credentials for all available protection spaces. The dictionary has keys corresponding to the NSURLProtectionSpace objects. The values for the NSURLProtectionSpace keys consist of dictionaries where the keys are user name strings, and the value is the corresponding NSURLCredential object.

Availability

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

Available in Mac OS X v10.2.7 and later.

See Also

- [credentialsForProtectionSpace:](#) (page 7)

Declared In

NSURLCredentialStorage.h

credentialsForProtectionSpace:

Returns a dictionary containing the credentials for the specified protection space.

```
- (NSDictionary *)credentialsForProtectionSpace:(NSURLProtectionSpace *)protectionSpace
```

Parameters

protectionSpace

The protection space whose credentials you want to retrieve.

Return Value

A dictionary containing the credentials for *protectionSpace*. The dictionary's keys are user name strings, and the value is the corresponding `NSURLCredential`.

Availability

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

Available in Mac OS X v10.2.7 and later.

See Also

- [allCredentials](#) (page 6)

Declared In

NSURLCredentialStorage.h

defaultCredentialForProtectionSpace:

Returns the default credential for the specified *protectionSpace*.

```
- (NSURLCredential *)defaultCredentialForProtectionSpace:(NSURLProtectionSpace *)protectionSpace
```

Parameters

protectionSpace

The URL protection space of interest.

Return Value

The default credential for *protectionSpace* or `nil` if no default has been set.

Availability

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

Available in Mac OS X v10.2.7 and later.

See Also

- [setDefaultCredential:forProtectionSpace:](#) (page 9)

Declared In

NSURLCredentialStorage.h

removeCredential:forProtectionSpace:

Removes a specified credential from the credential storage for the specified protection space.

```
- (void)removeCredential:(NSURLCredential *)credential
    forProtectionSpace:(NSURLProtectionSpace *)protectionSpace
```

Parameters*credential*

The credential to remove.

protectionSpace

The protection space from which to remove the credential.

Availability

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

Available in Mac OS X v10.2.7 and later.

See Also- [setCredential:forProtectionSpace:](#) (page 8)**Declared In**

NSURLCredentialStorage.h

setCredential:forProtectionSpace:Adds *credential* to the credential storage for the specified *protectionSpace*.

```
- (void)setCredential:(NSURLCredential *)credential
    forProtectionSpace:(NSURLProtectionSpace *)protectionSpace
```

Parameters*credential*The credential to add. If a credential with the same user name already exists in *protectionSpace*, then *credential* replaces the existing object.*protectionSpace*

The protection space to which to add the credential.

Availability

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

Available in Mac OS X v10.2.7 and later.

See Also- [removeCredential:forProtectionSpace:](#) (page 8)**Declared In**

NSURLCredentialStorage.h

setDefaultCredential:forProtectionSpace:

Sets the default credential for a specified protection space.

```
- (void)setDefaultCredential:(NSURLCredential *)credential
    forProtectionSpace:(NSURLProtectionSpace *)protectionSpace
```

Parameters

credential

The URL credential to set as the default for *protectionSpace*. If the receiver does not contain *credential* in the specified *protectionSpace* it will be added.

protectionSpace

The protection space whose default credential is being set.

Availability

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

Available in Mac OS X v10.2.7 and later.

See Also

- [defaultCredentialForProtectionSpace:](#) (page 7)

Declared In

NSURLCredentialStorage.h

Notifications

NSURLCredentialStorageChangedNotification

This notification is posted when the set of stored credentials changes.

The notification object is the NSURLCredentialStorage instance. This notification does not contain a userInfo dictionary.

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

NSURLCredentialStorage.h

Document Revision History

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

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

REVISION HISTORY

Document Revision History

Index

A

`allCredentials` **instance method** [6](#)

C

`credentialsForProtectionSpace:` **instance method** [7](#)

D

`defaultCredentialForProtectionSpace:` **instance method** [7](#)

N

`NSURLCredentialStorageChangedNotification` **notification** [9](#)

R

`removeCredential:forProtectionSpace:` **instance method** [8](#)

S

`setCredential:forProtectionSpace:` **instance method** [8](#)

`setDefaultCredential:forProtectionSpace:` **instance method** [9](#)

`sharedCredentialStorage` **class method** [6](#)