
CBIdentityAuthority Class Reference

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|------------------------|--|
| Inherits from | NSObject |
| Conforms to | NSObject (NSObject) |
| Framework | /System/Library/Frameworks/Collaboration.framework |
| Availability | Available in Mac OS X v10.5 and later. |
| Companion guide | Identity Services Programming Guide |
| Declared in | CBIdentityAuthority.h |

Overview

An identity authority is a database that stores information about identities. The `CBIdentityAuthority` class defines one or more identity authorities. This database can be searched for identities in conjunction with the `CBIdentity` class factory methods.

Tasks

Interacting with the Core Services Identity API

- [CSIdentityAuthority](#) (page 7)
Returns an identity authority for use with the Core Services Identity API.
- + [identityAuthorityWithCSIdentityAuthority:](#) (page 6)
Returns an identity authority specified by a given Core Services Identity authority object.

Accessing Identity Authorities

- [localizedName](#) (page 8)
Returns the localized name of the identity authority.
- + [localIdentityAuthority](#) (page 7)
Returns the identity authority on the local system.
- + [managedIdentityAuthority](#) (page 7)
Returns the identity authority that contains all the identities in bound network directory servers.

+ [defaultIdentityAuthority](#) (page 6)

Returns an identity authority that contains the identities in both the local and the network-bound authorities.

Class Methods

defaultIdentityAuthority

Returns an identity authority that contains the identities in both the local and the network-bound authorities.

```
+ (CBIdentityAuthority *)defaultIdentityAuthority
```

Return Value

The local and network-bound identity authorities.

Discussion

The default identity authority is the logical union of the identities in the local and managed authorities.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CBIdentityAuthority.h

identityAuthorityWithCSIdentityAuthority:

Returns an identity authority specified by a given Core Services Identity authority object.

```
+ (CBIdentityAuthority *)identityAuthorityWithCSIdentityAuthority:(CSIdentityAuthorityRef)CSIdentityAuthority
```

Parameters

CSIdentityAuthority

The Core Services Identity opaque object.

Return Value

The identity authority object for use with the Collaboration framework.

Discussion

This method, along with `CSIdentityAuthority`, is used for interoperability with the Core Services Identity API.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CBIdentityAuthority.h

localIdentityAuthority

Returns the identity authority on the local system.

```
+ (CBIdentityAuthority *)localIdentityAuthority
```

Return Value

The identity authority on the local system.

Discussion

Any identities stored on the local system are contained within this identity authority.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CBIdentityAuthority.h

managedIdentityAuthority

Returns the identity authority that contains all the identities in bound network directory servers.

```
+ (CBIdentityAuthority *)managedIdentityAuthority
```

Return Value

The identity authorities in bound network directory servers.

Discussion

If you are bound to a network directory server (such as an LDAP server) that has an identity authority, use this method to search those authorities.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CBIdentityAuthority.h

Instance Methods

CSIdentityAuthority

Returns an identity authority for use with the Core Services Identity API.

```
- (CSIdentityAuthorityRef)CSIdentityAuthority
```

Return Value

The opaque authority object for use with the Core Services Identity API.

Discussion

This method, along with `identityAuthorityWithCSIdentityAuthority:`, is used for interoperability with the Core Services Identity API.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CBIdentityAuthority.h

localizedName

Returns the localized name of the identity authority.

- (NSString *)localizedName

Return Value

The computer's name if the authority is local, or Managed Network Directory if the authority is managed.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CBIdentityAuthority.h

Document Revision History

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

| Date | Notes |
|------------|--|
| 2007-05-14 | New document that describes the class used to manipulate identity authority databases. |

REVISION HISTORY

Document Revision History

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