
CBGroupIdentity Class Reference

Networking, Internet, & Web: Services & Discovery



2007-05-14



Apple Inc.
© 2007 Apple 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

CBGroupIdentity Class Reference 5

Overview	5
Tasks	5
Finding Group Identities	5
Group Identity Attributes	5
Class Methods	6
groupIdentityWithPosixGID:authority:	6
Instance Methods	6
members	6
posixGID	7

Document Revision History 9

CBGroupIdentity Class Reference

Inherits from	CBIdentity : NSObject
Conforms to	NSCoding (CBIdentity) NSCopying (CBIdentity) 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	CBIdentity.h

Overview

An object of the `CBGroupIdentity` class represents a group identity and is used for viewing the attributes of group identities from an identity authority. The principal attributes of a `CBGroupIdentity` object are a POSIX group identifier (GID) and a list of members.

Tasks

Finding Group Identities

+ [groupIdentityWithPosixGID:authority:](#) (page 6)

Returns the group identity with the given POSIX GID in the specified identity authority.

Group Identity Attributes

- [posixGID](#) (page 7)

Returns the POSIX GID of the identity.

- [members](#) (page 6)

Returns the members of the group.

Class Methods

groupIdentityWithPosixGID:authority:

Returns the group identity with the given POSIX GID in the specified identity authority.

```
+ (CBGroupIdentity *)groupIdentityWithPosixGID:(gid_t)gid
  authority:(CBIdentityAuthority *)authority
```

Parameters

gid

The GID of the group identity you are searching for.

authority

An identity authority in which to search for the group identity.

Return Value

The group identity object with the given GID in the specified identity authority, or `nil` if no identity exists with the specified GID.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`CBIdentity.h`

Instance Methods

members

Returns the members of the group.

```
- (NSArray *)members
```

Return Value

An array of `CBIdentity` objects each representing a member of the group identity.

Discussion

This method only returns direct members of a group, it does not return members of members. Both user and group identities can be members of a group, but a group cannot be a member of itself. You also cannot have “circular” membership, i.e. a group be a member of another group that is a member of the first group.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`CBIdentity.h`

posixGID

Returns the POSIX GID of the identity.

- (gid_t)posixGID

Return Value

The POSIX GID of the group identity.

Discussion

The POSIX GID is an integer that can identify a group within an identity authority. GIDs are not guaranteed to be unique within an identity authority.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CBIdentity.h

Document Revision History

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

Date	Notes
2007-05-14	New document that describes the class for operating on user identities.

REVISION HISTORY

Document Revision History