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# CBGroupIdentity Class Reference

[Networking](#) > [Cocoa](#)



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# CBGroupIdentity Class Reference

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<b>Inherits from</b>	CBIdentity : NSObject
<b>Conforms to</b>	NSCoding (CBIdentity) NSCopying (CBIdentity) NSObject (NSObject)
<b>Framework</b>	/System/Library/Frameworks/Collaboration.framework
<b>Availability</b>	Available in Mac OS X v10.5 and later.
<b>Companion guide</b>	Identity Services Programming Guide
<b>Declared in</b>	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

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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

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