# ABIdentityPicker Class Objective-C Reference

Cocoa > Apple Applications

2006-08-23

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Simultaneously published in the United States and Canada.

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|---|---|
| **Inherits from** | NSObject |
| **Conforms to** | NSObject (NSObject) |
| **Framework** | /System/Library/Frameworks/AddressBook.framework |
| **Declared in** | ABIdentityPicker.h |
| **Companion guides** | Address Book Programming Guide for Mac OS X<br>Identity Services Programming Guide |

## Overview

An ABIdentityPicker object allows a user to select Address Book records—for example, group or person objects—that it wants one or more services or shared resources to have access to. An identity picker can be displayed either as an application-modal dialog or as a sheet attached to a document window. An identity picker returns the selected records to be added to access control lists using Identity Services. If a selected record is not a sharing account, then an identity picker prompts the end user for additional information—such as a password—to promote that record to a sharing account.

## Tasks

### Initializing

`– init` (page 7)
Initializes the receiver immediately after memory for it has been allocated.

### Setting and Getting Properties

`– setAllowsMultipleSelection:` (page 7)
Allows a user to make multiple selections.

`– allowsMultipleSelection` (page 6)
Returns a Boolean value indicating whether the user is allowed to select multiple records.

### Running an Identity Picker

`– runModalIdentityPicker` (page 7)
    Runs the receiver as an application-modal dialog and returns the selected records.

`– beginSheetModalForWindow:modalDelegate:didEndSelector:contextInfo:` (page 6)
    Runs the receiver modally as a sheet attached to a specified window.

## Instance Methods

### allowsMultipleSelection

Returns a Boolean value indicating whether the user is allowed to select multiple records.

```
- (BOOL)allowsMultipleSelection
```

**Return Value**
`YES` if the user can select multiple records; otherwise, `NO`.

**See Also**
`– setAllowsMultipleSelection:` (page 7)

### beginSheetModalForWindow:modalDelegate:didEndSelector:contextInfo:

Runs the receiver modally as a sheet attached to a specified window.

```
- (void)beginSheetModalForWindow:(NSWindow *)window modalDelegate:(id)delegate
   didEndSelector:(SEL)didEndSelector contextInfo:(void *)contextInfo
```

**Parameters**

*window*
    The parent window for the sheet.

*delegate*
    The delegate for the modal session.

*didEndSelector*
    A message sent to the delegate after the user responds but before the sheet is dismissed.

*contextInfo*
    Contextual data passed to the delegate in the *didEndSelector* message.

**Discussion**
The *didEndSelector* argument must be a selector that takes three arguments, and the corresponding method should have a declaration modeled on the following example:

```
- (void)identityPickerDidEnd:(ABIdentityPicker *)identityPickerController
identities:(NSArray *)identities contextInfo:(void *)contextInfo;
```

where the *identityPickerController* argument is the identity picker object, the *identities* argument is an array containing ABPerson objects, and *contextInfo* is the same *contextInfo* that was passed in the original message.

### See Also

`- runModalIdentityPicker` (page 7)

`- identityUniqueId`

`- identity`

## init

Initializes the receiver immediately after memory for it has been allocated.

```
- (id)init
```

## runModalIdentityPicker

Runs the receiver as an application-modal dialog and returns the selected records.

```
- (NSArray *)runModalIdentityPicker
```

### Return Value

An array containing the ABRecord objects that the user selected in the panel.

### Discussion

The receiver may create identities for selected records if necessary.

### See Also

`- beginSheetModalForWindow:modalDelegate:didEndSelector:contextInfo:` (page 6)

`- identityUniqueId`

`- identity`

## setAllowsMultipleSelection:

Allows a user to make multiple selections.

```
- (void)setAllowsMultipleSelection:(BOOL)flag
```

### Parameters

*flag*

`YES` if you can select multiple records; otherwise, `NO`.

### Discussion

By default, you cannot select multiple records.

### See Also

`- allowsMultipleSelection` (page 6)

# Constants

## Identity Constants

Constants used to identify objects.

```
extern NSString * const kABIdentityUIDProperty;
```

### Constants

`kABIdentityUIDProperty`

The identity UID property.

### Declared In

`ABIdentityPicker.h`

# Document Revision History

This table describes the changes to *ABIdentityPicker Class Objective-C Reference*.

| Date | Notes |
|---|---|
| 2006-08-23 | New document that describes the identity picker, a dialog or sheet used to select groups and people for Identity Services. |

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