ABPeoplePickerView Class Objective-C Reference

Cocoa > Apple Applications

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ABPeoplePickerView Class Objective-C Reference

Inherits from	NSView : NSResponder : NSObject
Conforms to	NSAnimatablePropertyContainer (NSView) NSCoding (NSResponder) NSObject (NSObject)
Framework	/System/Library/Frameworks/AddressBook.framework
Availability	Available in Mac OS X v10.3 and later
Companion guide	Address Book Programming Guide for Mac OS X
Declared in	ABPeoplePickerView.h
Related sample code	CocoaPeoplePicker

Overview

The ABPeoplePickerView class allows you to customize the behavior of people-picker views in an application's user interface.

Tasks

Properties in Record List

- `addProperty:` (page 8)

- `columnTitleForProperty:` (page 9)

- `displayedProperty` (page 11)

- `properties` (page 12)

- `removeProperty:` (page 13)

- `setColumnTitle:forProperty:` (page 17)

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- setDisplayedProperty: (page 17)

Multi-value Selection Behavior

- setValueSelectionBehavior: (page 18)

- valueSelectionBehavior (page 19)

Group and Record Selection

- allowsGroupSelection (page 8)

- allowsMultipleSelection (page 8)

- deselectAll: (page 10)

- deselectGroup: (page 10)

- deselectIdentifier:forPerson: (page 10)

- deselectRecord: (page 11)

- selectedGroups (page 13)

- selectedIdentifiersForPerson: (page 13)

- selectedRecords (page 14)

- selectedValues (page 14)

- selectGroup:byExtendingSelection: (page 14)

- selectIdentifier:forPerson:byExtendingSelection: (page 14)

- selectRecord:byExtendingSelection: (page 15)

- setAllowsGroupSelection: (page 16)

- setAllowsMultipleSelection: (page 16)

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Accessory View

- accessoryView (page 7)

- setAccessoryView: (page 15)

Actions

- clearSearchField: (page 9)

- editInAddressBook: (page 11)

- groupDoubleAction (page 12)

- nameDoubleAction (page 12)

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- setNameDoubleAction: (page 18)

- setTarget: (page 18)

- target (page 19)

User-settings Persistence

- autosaveName (page 9)

- setAutosaveName: (page 16)

Instance Methods

accessoryView

```
- (NSView *)accessoryView
```


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Discussion
Returns the current accessory view.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `setAccessoryView:` (page 15)

Declared In
`ABPeoplePickerView.h`

addProperty:

```
- (void)addProperty:(NSString *)property
```

Discussion
Adds a property to the group of properties whose values are shown in the record list.

For additional information about properties see “Person Properties”

Availability
Available in Mac OS X v10.3 and later.

See Also
- `removeProperty:` (page 13)
- `properties` (page 12)

Declared In
`ABPeoplePickerView.h`

allowsGroupSelection

```
- (BOOL)allowsGroupSelection
```

Discussion
Returns the current group-selection setting.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `setAllowsGroupSelection:` (page 16)

Declared In
`ABPeoplePickerView.h`

allowsMultipleSelection

```
- (BOOL)allowsMultipleSelection
```


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Discussion
Returns the current multiple-selection selection setting.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `setAllowsMultipleSelection:` (page 16)

Declared In
`ABPeoplePickerView.h`

autosaveName

```
- (NSString *)autosaveName
```

Discussion
Returns the name under which the column positions and the filter selection are saved.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `setAutosaveName:` (page 16)

Declared In
`ABPeoplePickerView.h`

clearSearchField:

```
- (void)clearSearchField:(id)sender
```

Discussion
Clears the search field and resets the list of displayed records.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`ABPeoplePickerView.h`

columnTitleForProperty:

```
- (NSString *)columnTitleForProperty:(NSString *)property
```

Discussion
Returns the title of a custom property.

Availability
Available in Mac OS X v10.3 and later.

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See Also
- `setColumnTitle:forProperty:` (page 17)

Declared In
`ABPeoplePickerView.h`

deselectAll:

```
- (void)deselectAll:(id)sender
```

Discussion
Deselects all selected groups, records, and values in multi-value properties.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`ABPeoplePickerView.h`

deselectGroup:

```
- (void)deselectGroup:(ABGroup *)group
```

Discussion
Deselects a group selected in the group list.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `selectedGroups` (page 13)
- `selectGroup:byExtendingSelection:` (page 14)

Declared In
`ABPeoplePickerView.h`

deselectIdentifier:forPerson:

```
- (void)deselectIdentifier:(NSString *)identifier forPerson:(ABPerson *)person
```

Discussion
Deselects a value selected in a multi-value property.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `selectedIdentifiersForPerson:` (page 13)
- `selectIdentifier:forPerson:byExtendingSelection:` (page 14)

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Declared In
ABPeoplePickerView.h

deselectRecord:

```
- (void)deselectRecord:(ABRecord *)record
```

Discussion
Deselects a record selected in the record list.

Availability
Available in Mac OS X v10.3 and later.

See Also
- selectedRecords (page 14)
- selectRecord:byExtendingSelection: (page 15)

Declared In
ABPeoplePickerView.h

displayedProperty

```
- (NSString *)displayedProperty
```

Discussion
Returns the property currently displayed in the record list.

Availability
Available in Mac OS X v10.3 and later.

See Also
- setDisplayedProperty: (page 17)

Declared In
ABPeoplePickerView.h

editInAddressBook:

```
- (void)editInAddressBook:(id)sender
```

Discussion
Launches Address Book to edit the item selected in the people picker.

Availability
Available in Mac OS X v10.3 and later.

See Also
- selectInAddressBook: (page 15)

Declared In
ABPeoplePickerView.h

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groupDoubleAction

```
- (SEL)groupDoubleAction
```

Discussion
Returns the action invoked when a group is double-clicked.

Availability
Available in Mac OS X v10.3 and later.

See Also
- setGroupDoubleAction: (page 17)

Declared In
ABPeoplePickerView.h

nameDoubleAction

```
- (SEL)nameDoubleAction
```

Discussion
Returns the action invoked when a name is double-clicked.

Availability
Available in Mac OS X v10.3 and later.

See Also
- setNameDoubleAction: (page 18)

Declared In
ABPeoplePickerView.h

properties

```
- (NSArray *)properties
```

Discussion
Returns an array of the properties whose values are shown in the record list.

For additional information about properties see “Person Properties”

Availability
Available in Mac OS X v10.3 and later.

See Also
- addProperty: (page 8)
- removeProperty: (page 13)

Declared In
ABPeoplePickerView.h

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removeProperty:

```
- (void)removeProperty:(NSString *)property
```

Discussion
Removes a property from the group of properties whose values are shown in the record list.

For additional information about properties see “Person Properties”

Availability
Available in Mac OS X v10.3 and later.

See Also
- `addProperty:` (page 8)
- `properties` (page 12)

Declared In
`ABPeoplePickerView.h`

selectedGroups

```
- (NSArray *)selectedGroups
```

Discussion
Returns the groups selected in the group list as an array of ABGroup objects.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`ABPeoplePickerView.h`

selectedIdentifiersForPerson:

```
- (NSArray *)selectedIdentifiersForPerson:(ABPerson *)person
```

Discussion
Returns the identifiers of the selected values in a multi-value property or `nil` if the property displayed is a single-value property.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `selectIdentifier:forPerson:byExtendingSelection:` (page 14)
- `deselectIdentifier:forPerson:` (page 10)

Declared In
`ABPeoplePickerView.h`

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selectedRecords

```
- (NSArray *)selectedRecords
```

Discussion
Returns the selection in the record list as an array of ABGroup or ABPerson objects.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `selectRecord:byExtendingSelection:` (page 15)
- `deselectRecord:` (page 11)

Declared In
`ABPeoplePickerView.h`

selectedValues

```
- (NSArray *)selectedValues
```

Discussion
Returns an array of all the values selected in the displayed multi-value property.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`ABPeoplePickerView.h`

selectGroup:byExtendingSelection:

```
- (void)selectGroup:(ABGroup *)group byExtendingSelection:(BOOL)extend
```

Discussion
Selects a group or a set of groups in the group list.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `selectedGroups` (page 13)
- `deselectGroup:` (page 10)

Declared In
`ABPeoplePickerView.h`

selectIdentifier:forPerson:byExtendingSelection:

```
- (void)selectIdentifier:(NSString *)identifier forPerson:(ABPerson *)person
    byExtendingSelection:(BOOL)extend
```


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Discussion
Selects a value or a set of values in a multi-value property.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `selectedIdentifiersForPerson:` (page 13)
- `deselectIdentifier:forPerson:` (page 10)

Declared In
`ABPeoplePickerView.h`

selectInAddressBook:

```
- (void)selectInAddressBook:(id)sender
```

Discussion
Launches Address Book and selects the item selected in the people picker.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `editInAddressBook:` (page 11)

Declared In
`ABPeoplePickerView.h`

selectRecord:byExtendingSelection:

```
- (void)selectRecord:(ABRecord *)record byExtendingSelection:(BOOL)extend
```

Discussion
Selects a record or a set of records in the record list.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `deselectRecord:` (page 11)
- `selectedRecords` (page 14)

Declared In
`ABPeoplePickerView.h`

setAccessoryView:

```
- (void)setAccessoryView:(NSView *)accessory
```


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Discussion
Sets the view that is placed to the left of the search field. If *accessory* is nil, the accessory view is removed.

Availability
Available in Mac OS X v10.3 and later.

See Also
- accessoryView (page 7)

Declared In
ABPeoplePickerView.h

setAllowsGroupSelection:

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

Discussion
Specifies whether the user can select entire groups in the group column (*flag* is YES). When *flag* is NO, at least one person in the group is selected when the user selects a group.

Availability
Available in Mac OS X v10.3 and later.

See Also
- allowsGroupSelection (page 8)

Declared In
ABPeoplePickerView.h

setAllowsMultipleSelection:

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

Discussion
Specifies whether multiple groups, records, or values of multi-value properties can be selected at a time.

Availability
Available in Mac OS X v10.3 and later.

See Also
- allowsMultipleSelection (page 8)

Declared In
ABPeoplePickerView.h

setAutosaveName:

```
- (void)setAutosaveName:(NSString *)name
```

Discussion
Sets the name under which the column positions and the filter selection are saved.

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Availability
Available in Mac OS X v10.3 and later.

See Also
- autosaveName (page 9)

Declared In
ABPeoplePickerView.h

setColumnTitle:forProperty:

```
- (void)setColumnTitle:(NSString *)title forProperty:(NSString *)property
```

Discussion
Sets the title for a custom property.

Availability
Available in Mac OS X v10.3 and later.

See Also
- columnTitleForProperty: (page 9)

Declared In
ABPeoplePickerView.h

setDisplayedProperty:

```
- (void)setDisplayedProperty:(NSString *)property
```

Discussion
Displays one of the properties whose values are shown in the record list.

Availability
Available in Mac OS X v10.3 and later.

See Also
- displayedProperty (page 11)

Declared In
ABPeoplePickerView.h

setGroupDoubleAction:

```
- (void)setGroupDoubleAction:(SEL)action
```

Discussion
Sets the action to be invoked when a group is double-clicked.

Availability
Available in Mac OS X v10.3 and later.

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See Also
- `groupDoubleAction` (page 12)

Declared In
`ABPeoplePickerView.h`

setNameDoubleAction:

```
- (void)setNameDoubleAction:(SEL)action
```

Discussion
Sets the action to be invoked when a name is double-clicked.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `nameDoubleAction` (page 12)

Declared In
`ABPeoplePickerView.h`

setTarget:

```
- (void)setTarget:(id)target
```

Discussion
Sets the target for double-click actions.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `target` (page 19)

Declared In
`ABPeoplePickerView.h`

setValueSelectionBehavior:

```
- (void)setValueSelectionBehavior:(ABPeoplePickerSelectionBehavior)behavior
```

Discussion
Specifies the selection behavior, which is `ABSingleValueSelection` by default. Possible values for *behavior* are: `ABNoValueSelection`, `ABSingleValueSelection`, and `ABMultipleValueSelection`.

Availability
Available in Mac OS X v10.3 and later.

See Also
- `valueSelectionBehavior` (page 19)

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`ABPeoplePickerSelectionBehavior`

Declared In
`ABPeoplePickerView.h`

target

`- (id)target`

Discussion
Returns the target of double-click actions.

Availability
Available in Mac OS X v10.3 and later.

See Also
`- setTarget:` (page 18)

Declared In
`ABPeoplePickerView.h`

valueSelectionBehavior

`- (ABPeoplePickerSelectionBehavior)valueSelectionBehavior`

Discussion
Returns the current selection behavior.

Availability
Available in Mac OS X v10.3 and later.

See Also
`- setValueSelectionBehavior:` (page 18)
`ABPeoplePickerSelectionBehavior`

Declared In
`ABPeoplePickerView.h`

Constants

These constants are of the type `ABPeoplePickerSelectionBehavior` and are used by `setValueSelectionBehavior:` (page 18) and .

Constant	Description
`ABNoValueSelection`	Doesn't allow the user to select individual values. Available in Mac OS X v10.3 and later. Declared in `ABPeoplePickerView.h`.

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Constant	Description
`ABSingleValueSelection`	Allows the user to select a single value. Available in Mac OS X v10.3 and later. Declared in `ABPeoplePickerView.h`.
`ABMultipleValueSelection`	Allows the user to select multiple values. Available in Mac OS X v10.3 and later. Declared in `ABPeoplePickerView.h`.

Notifications

ABPeoplePickerGroupSelectionDidChangeNotification

Posted when the selection in the group list is changed.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`ABPeoplePickerView.h`

ABPeoplePickerNameSelectionDidChangeNotification

Posted when the selection in the name list is changed.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`ABPeoplePickerView.h`

ABPeoplePickerValueSelectionDidChangeNotification

Posted when the selection in a multi-value property is changed.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`ABPeoplePickerView.h`

ABPeoplePickerDisplayedPropertyDidChangeNotification

Posted when the displayed property in the record list is changed.

Availability
Available in Mac OS X v10.3 and later.

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Document Revision History

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

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

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