
Address Book Reference Update

[Apple Applications](#) > [Address Book](#)



2007-07-18



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Apple Inc.
1 Infinite Loop
Cupertino, CA 95014
408-996-1010

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Contents

Introduction to Address Book Reference Update 5

Organization of This Document 5

See Also 5

10.5 Symbol Changes 7

Classes 7

ABAddressBook 7

ABMultiValue 7

ABRecord 7

C Symbols 8

ABGlobals.h 8

10.4 Symbol Changes 9

Classes 9

ABRecord 9

C Symbols 9

ABAddressBookC.h 9

ABGlobals.h 10

ABTypedefs.h 10

10.3 Symbol Changes 13

Classes 13

ABAddressBook 13

ABPeoplePickerView (New) 13

NSObject 16

C Symbols 16

ABActionsC.h 16

ABAddressBookC.h 17

ABGlobals.h 17

ABPeoplePickerC.h 18

ABPeoplePickerView.h 21

ABTypedefs.h 21

10.2 Symbol Changes 23

Classes 23

ABAddressBook (New) 23

ABGroup (New) 24

ABMultiValue (New)	25
ABMutableMultiValue (New)	25
ABPerson (New)	26
ABRecord (New)	26
ABSearchElement (New)	27
Protocols	27
ABImageClient (New)	27
C Symbols	27
ABAddressBookC.h	28
ABGlobals.h	31
ABTypedefs.h	34

Document Revision History 37

Introduction to Address Book Reference Update

This document summarizes the symbols that have been added to the Address Book framework. The full reference documentation notes in what version a symbol was introduced, but sometimes it's useful to see only the new symbols for a given release.

If you are not familiar with this framework you should refer to the complete framework reference documentation.

Organization of This Document

Symbols are grouped by class or protocol for Objective-C and by header file for C. For each symbol there is a link to complete documentation, if available, and a brief description, if available.

See Also

For reference documentation on this framework, see *Address Book Objective-C Framework Reference*.

10.5 Symbol Changes

This article lists the symbols added to `AddressBook.framework` in Mac OS X v10.5.

Classes

All of the classes with new symbols are listed alphabetically, with their new class, instance, and delegate methods described.

ABAddressBook

Complete reference information is available in the [ABAddressBook reference](#).

Class Methods

<code>addressBook</code>	Returns a new instance of <code>ABAddressBook</code> .
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Instance Methods

<code>saveAndReturnError:</code>	Saves all the changes made since the last save.
----------------------------------	---

ABMultiValue

Complete reference information is available in the [ABMultiValue reference](#).

Instance Methods

<code>labelForIdentifier:</code>	Returns the label for the given identifier.
<code>valueForIdentifier:</code>	Returns the value for the given identifier.

ABRecord

Complete reference information is available in the [ABRecord reference](#).

Instance Methods

<code>init</code>	
<code>initWithAddressBook:</code>	Initializes the receiver and adds it to the given address book.

C Symbols

All of the header files with new symbols are listed alphabetically, with their new symbols described.

ABGlobals.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>kABCalendarURIsProperty</code>	Calendar URIs(multi-string).
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10.4 Symbol Changes

This article lists the symbols added to `AddressBook.framework` in Mac OS X v10.4.

Classes

All of the classes with new symbols are listed alphabetically, with their new class, instance, and delegate methods described.

ABRecord

Complete reference information is available in the [ABRecord](#) reference.

Instance Methods

<code>isReadOnly</code>	Returns YES if the record is read-only, NO otherwise.
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C Symbols

All of the header files with new symbols are listed alphabetically, with their new symbols described.

ABAddressBookC.h

Functions

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>ABRecordCreateCopy</code>	Returns a copy of the given record.
<code>ABRecordIsReadOnly</code>	Returns whether or not the record is read-only.

ABGlobals.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

kABHomePageLabel	Web page URL.
kABURLsProperty	Web pages (multi-string).

ABTypedefs.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

kABDoesNotContainSubString	Search for elements that do not contain the value.
kABDoesNotContainSubStringCaseInsensitive	Search for elements that do not contain the value, ignoring case.
kABNotEqualCaseInsensitive	Search for elements that are not equal to the value, ignoring case.
kABNotWithinIntervalAroundToday	Search for elements that are not within a time interval (in seconds) forward or backward from today.
kABNotWithinIntervalAroundTodayYearless	Search for elements that are not within a time interval (in seconds) forward or backward from this day in any year.
kABNotWithinIntervalFromToday	Search for elements that are not within a time interval (in seconds) forward from today.
kABNotWithinIntervalFromTodayYearless	Search for elements that are not within a time interval (in seconds) forward from this day in any year.
kABSuffixMatch	Search for elements that end with the value.
kABSuffixMatchCaseInsensitive	Search for elements that end with the value, ignoring case.
kABWithinIntervalAroundToday	Search for elements that are within a time interval (in seconds) forward or backward from today.

10.4 Symbol Changes

<code>kABWithinIntervalAroundTodayYearless</code>	Search for elements that are within a time interval (in seconds) forward or backward from this day in any year.
<code>kABWithinIntervalFromToday</code>	Search for elements that are within a time interval (in seconds) forward from today.
<code>kABWithinIntervalFromTodayYearless</code>	Search for elements that are within a time interval (in seconds) forward from this day in any year.

10.3 Symbol Changes

This article lists the symbols added to `AddressBook.framework` in Mac OS X v10.3.

Classes

All of the classes with new symbols are listed alphabetically, with their new class, instance, and delegate methods described.

ABAddressBook

Complete reference information is available in the [ABAddressBook reference](#).

Instance Methods

<code>defaultCountryCode</code>	Returns the default country code for records with unspecified country codes.
<code>defaultNameOrdering</code>	Returns the default name ordering defined by the user in the Address Book preferences.
<code>formattedAddressFromDictionary:</code>	Returns an attributed string containing the formatted address.
<code>recordClassFromUniqueId:</code>	Returns the class name of the record that matches the given unique ID.

ABPeoplePickerView (New)

Complete reference information is available in the [ABPeoplePickerView reference](#).

Instance Methods

<code>accessoryView</code>	Returns the current accessory view.
<code>addProperty:</code>	Adds a property to the group of properties whose values are shown in the record list.

<code>allowsGroupSelection</code>	Returns the current group-selection setting.
<code>allowsMultipleSelection</code>	Returns the current multiple-selection selection setting.
<code>autosaveName</code>	Returns the name under which the column positions and the filter selection are saved.
<code>clearSearchField:</code>	Clears the search field and resets the list of displayed records.
<code>columnTitleForProperty:</code>	Returns the title of a custom property.
<code>deselectAll:</code>	Deselects all selected groups, records, and values in multi-value properties.
<code>deselectGroup:</code>	Deselects a group selected in the group list.
<code>deselectIdentifier:forPerson:</code>	Deselects a value selected in a multi-value property.
<code>deselectRecord:</code>	Deselects a record selected in the record list.
<code>displayedProperty</code>	Returns the property currently displayed in the record list.
<code>editInAddressBook:</code>	Launches Address Book to edit the item selected in the people picker.
<code>groupDoubleAction</code>	Returns the action invoked when a group is double-clicked.
<code>nameDoubleAction</code>	Returns the action invoked when a name is double-clicked.
<code>properties</code>	Returns an array of the properties whose values are shown in the record list.
<code>removeProperty:</code>	Removes a property from the group of properties whose values are shown in the record list.
<code>selectedGroups</code>	Returns the groups selected in the group list as an array of ABGroup objects.
<code>selectedIdentifiersForPerson:</code>	Returns the identifiers of the selected values in a multi-value property or nil if the property displayed is a single-value property.

<code>selectedRecords</code>	Returns the selection in the record list as an array of <code>ABGroup</code> or <code>ABPerson</code> objects.
<code>selectedValues</code>	Returns an array of all the values selected in the displayed multi-value property.
<code>selectGroup:byExtendingSelection:</code>	Selects a group or a set of groups in the group list.
<code>selectIdentifier:forPerson:byExtendingSelection:</code>	Selects a value or a set of values in a multi-value property.
<code>selectInAddressBook:</code>	Launches Address Book and selects the item selected in the people picker.
<code>selectRecord:byExtendingSelection:</code>	Selects a record or a set of records in the record list.
<code>setAccessoryView:</code>	Sets the view that is placed to the left of the search field.
<code>setAllowsGroupSelection:</code>	Specifies whether the user can select entire groups in the group column (flag is YES).
<code>setAllowsMultipleSelection:</code>	Specifies whether multiple groups, records, or values of multi-value properties can be selected at a time.
<code>setAutosaveName:</code>	Sets the name under which the column positions and the filter selection are saved.
<code>setColumnTitle:forProperty:</code>	Sets the title for a custom property.
<code>setDisplayProperty:</code>	Displays one of the properties whose values are shown in the record list.
<code>setGroupDoubleAction:</code>	Sets the action to be invoked when a group is double-clicked.
<code>setNameDoubleAction:</code>	Sets the action to be invoked when a name is double-clicked.
<code>setTarget:</code>	Sets the target for double-click actions.
<code>setValueSelectionBehavior:</code>	Specifies the selection behavior, which is <code>ABSingleValueSelection</code> by default.
<code>target</code>	Returns the target of double-click actions.
<code>valueSelectionBehavior</code>	Returns the current selection behavior.

NSObject

Complete reference information is available in the `NSObject` reference.

Instance Methods

<code>actionProperty</code>	Sent to the delegate to request the <code>ABProperty</code> (“Person Properties”) the action applies to.
<code>performActionForPerson:identifier:</code>	Sent to the delegate to perform the action.
<code>shouldEnableActionForPerson:identifier:</code>	Sent to the delegate to determine whether the action should be enabled.
<code>titleForPerson:identifier:</code>	Sent to the delegate to request the title of the menu item for the action.

C Symbols

All of the header files with new symbols are listed alphabetically, with their new symbols described.

ABActionsC.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

<code>ABActionCallbacks</code>	This is the structure that the <code>ABActionRegisterCallbacks</code> returns to tell Address Book about the action the plug-in implements.
<code>ABActionCopyTitleCallback</code>	Return the title of the menu item for the action. If the property returned by <code>ABActionGetPropertyCallback</code> is a multi-value property, <code>identifier</code> contains the unique identifier of the value selected.
<code>ABActionEnabledCallback</code>	Return true if the action menu item should be enabled, false otherwise. If the property returned by <code>ABActionGetPropertyCallback</code> is a multi-value property, <code>identifier</code> contains the unique identifier of the value selected.
<code>ABActionGetPropertyCallback</code>	Return the property the action applies to.
<code>ABActionSelectedCallback</code>	Execute the action. If the property returned by <code>ABActionGetPropertyCallback</code> is a multi-value property, <code>identifier</code> contains the unique identifier of the value selected; otherwise, <code>identifier</code> is NULL.

ABAddressBookC.h

Functions

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABCopyDefaultCountryCode	Returns the default country code for records with unspecified country codes.
ABCopyRecordTypeFromUniqueId	Returns the type name of the record that matches a given unique ID.
ABCreateFormattedAddressFromDictionary	Returns a string containing the formatted address.

ABGlobals.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

kABAnniversaryLabel	Anniversary date.
kABAssistantLabel	Assistant
kABBrotherLabel	Brother.
kABChildLabel	Child.
kABDefaultNameOrdering	Default name ordering (whether a person's first name or last name is displayed first) in the Address Book application.
kABDeletedRecords	
kABDepartmentProperty	Department name (string).
kABFatherLabel	Father.
kABFirstNameFirst	First name is displayed first in Address Book.
kABFriendLabel	Friend.
kABInsertedRecords	
kABLastNameFirst	Last name is displayed first in Address Book.
kABManagerLabel	Manager.
kABMotherLabel	Mother.

kABNameOrderingMask	Used in conjunction with kABDefaultNameOrdering, kABFirstNameFirst, and kABLastNameFirst to determine name ordering.
kABOtherDatesProperty	Dates associated with a person (ABMultiDateProperty containing dates).
kABParentLabel	Parent.
kABPartnerLabel	Partner.
kABPersonFlags	Property that specifies the name ordering and user configuration of a record in the Address Book application.
kABRelatedNamesProperty	Names of people related to a person (ABMultiStringProperty containing names).
kABShowAsCompany	Record is displayed as a company.
kABShowAsMask	Used in conjunction with kABShowAsPerson and kABShowAsCompany to determine record configuration.
kABShowAsPerson	Record is displayed as a person.
kABSisterLabel	Sister.
kABSpouseLabel	Spouse.
kABUpdatedRecords	

ABPeoplePickerC.h

Functions

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABPickerAddProperty	Adds a property to the group of properties available in the record list. Use ABPickerRemoveProperty to remove a property from the list and ABPickerCopyProperties to obtain the list of properties available in the list.
ABPickerChangeAttributes	Specifies the selection behaviors for a people-picker window. Use ABPickerGetAttributes to obtain the selection behaviors specified for the window.
ABPickerClearSearchField	Clears the search field and resets the list of displayed records.
ABPickerCopyColumnName	Obtains the title of a custom property.

<code>ABPickerCopyDisplayedProperty</code>	Returns the name of the property currently displayed in the record list.
<code>ABPickerCopyProperties</code>	Obtains the list of properties available in the record list. Use <code>ABPickerAddProperty</code> to add a property to the record list and <code>ABPickerRemoveProperty</code> to remove a property from the list.
<code>ABPickerCopySelectedGroups</code>	Returns the groups selected in the group list as an array of <code>ABGroup</code> objects.
<code>ABPickerCopySelectedIdentifiers</code>	Returns the identifiers of the selected values in a multi-value property or an empty array if the property displayed is a single-value property.
<code>ABPickerCopySelectedRecords</code>	Returns the selection in the record list as an array of <code>ABGroup</code> or <code>ABPerson</code> objects.
<code>ABPickerCopySelectedValues</code>	Returns the selected values in a multi-value property or an empty array if no values are selected or the property displayed is a single-value property.
<code>ABPickerCreate</code>	Creates an <code>ABPickerRef</code> . The corresponding window is hidden. Invoke <code>ABPickerSetVisibility</code> to show it. Release with <code>CFRelease</code> .
<code>ABPickerDeselectAll</code>	Deselects all selected groups, records, and values in multi-value properties.
<code>ABPickerDeselectGroup</code>	Deselects a group in the group list.
<code>ABPickerDeselectIdentifier</code>	Deselects a value in multi-value property currently displayed in the record list.
<code>ABPickerDeselectRecord</code>	Deselects a group in the record list.
<code>ABPickerEditInAddressBook</code>	Launches Address Book to edit the item selected in the people-picker window.
<code>ABPickerGetAttributes</code>	Indicates the selection behaviors selected a people-picker window. Use <code>ABPickerChangeAttributes</code> to specify selection behaviors for the window.
<code>ABPickerGetDelegate</code>	Obtains the delegate for a people-picker window.
<code>ABPickerGetFrame</code>	Returns the position and size of the people-picker window.
<code>ABPickerIsVisible</code>	Indicates whether the people-picker window is visible.
<code>ABPickerRemoveProperty</code>	Removes a property from the group of properties whose values are shown in the record list. Use <code>ABPickerAddProperty</code> to add a property to the record list and <code>ABPickerCopyProperties</code> to obtain the list of properties shown in the record list.
<code>ABPickerSelectGroup</code>	Selects a group or a set of groups in the group list.
<code>ABPickerSelectIdentifier</code>	Selects a value or a set of values in a multi-value property.

ABPickerSelectInAddressBook	Launches Address Book and selects the item selected in the people-picker window.
ABPickerSelectRecord	Selects a record or a set of records in the record list.
ABPickerSetColumnTitle	Sets the title for a custom property.
ABPickerSetDelegate	Sets the event handler for people-picker events.
ABPickerSetDisplayedProperty	Displays one of the properties whose values are shown in the record list.
ABPickerSetFrame	Specifies the position and size of the people-picker window.
ABPickerSetVisibility	Shows or hides a people-picker window.

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABPickerAttributes	These constants specify the selection behavior for the values of multi-value properties.
ABPickerRef	A reference to an ABPicker object.
kABPickerAllowGroupSelection	
kABPickerAllowMultipleSelection	
kABPickerMultipleValueSelection	Available in Mac OS X v10.3 and later.
kABPickerSingleValueSelection	Available in Mac OS X v10.3 and later.
kEventABPeoplePickerDisplayedPropertyChanged	The displayed property in the record list changed.
kEventABPeoplePickerGroupDoubleClicked	A group in the group list was double-clicked.
kEventABPeoplePickerGroupSelectionChanged	The selection in the group list changed.
kEventABPeoplePickerNameDoubleClicked	A record in the record list was double-clicked.
kEventABPeoplePickerNameSelectionChanged	The selection in the name list changed.
kEventABPeoplePickerValueSelectionChanged	The selection in a multi-value property changed.
kEventClassABPeoplePicker	The class of people-picker events.
kEventParamABPickerRef	The parameter name of people-picker events.

ABPeoplePickerView.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABMultipleValueSelection	Allows the user to select multiple values.
ABNoValueSelection	Doesn't allow the user to select individual values.
ABPeoplePickerDisplayedProperty- DidChangeNotification	Posted when the displayed property in the record list is changed.
ABPeoplePickerGroupSelectionDidChangeNotification	Posted when the selection in the group list is changed.
ABPeoplePickerNameSelectionDidChangeNotification	Posted when the selection in the name list is changed.
ABPeoplePickerSelectionBehavior	These constants are described in "Constants" in "ABPeoplePickerView".
ABPeoplePickerValueSelectionDidChangeNotification	Posted when the selection in a multi-value property is changed.
ABSingleValueSelection	Allows the user to select a single value.

ABTypedefs.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

kABBitsInBitFieldMatch	Search for elements that match the bits in ABPersonFlags.
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10.2 Symbol Changes

This article lists the symbols added to `AddressBook.framework` in Mac OS X v10.2.

Classes

All of the classes with new symbols are listed alphabetically, with their new class, instance, and delegate methods described.

ABAddressBook (New)

Complete reference information is available in the [ABAddressBook reference](#).

Class Methods

<code>sharedAddressBook</code>	Returns the unique shared instance of <code>ABAddressBook</code> .
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Instance Methods

<code>addRecord:</code>	Adds an <code>ABPerson</code> or <code>ABGroup</code> record to the Address Book database.
<code>groups</code>	Returns an array of all the groups in the Address Book database, or returns an empty array if the database doesn't contain any groups
<code>hasUnsavedChanges</code>	Returns YES if there are unsaved changes, NO otherwise.
<code>me</code>	Returns the <code>ABPerson</code> record that represents the logged-in user, or nil if the user never specified such a record.
<code>people</code>	Returns an array of all the people in the Address Book database, or an empty array if the database doesn't contain any people.
<code>recordForUniqueId:</code>	Returns the <code>ABPerson</code> or <code>ABGroup</code> record that matches the given unique ID, or nil if no record has the given ID.
<code>recordsMatchingSearchElement:</code>	Returns an array of records that match the given search element, or returns an empty array if no records match the search element.

<code>removeRecord:</code>	Removes an <code>ABPerson</code> or <code>ABGroup</code> record from the Address Book database.
<code>save</code>	Saves all the changes made since the last save.
<code>setMe:</code>	Sets the record that represents the logged-in user.

ABGroup (New)

Complete reference information is available in the `ABGroup` reference.

Class Methods

<code>addPropertiesAndTypes:</code>	Adds the given properties to all records of this type in the Address Book database, and returns the number of properties successfully added.
<code>properties</code>	Returns an array of the names of all the properties for this record in the Address Book database.
<code>removeProperties:</code>	Removes the given properties from all the records of this type in the Address Book database, and returns the number of properties successfully removed.
<code>searchElementForProperty:label: key:value:comparison:</code>	Returns a search element object that searches for records of this type.
<code>typeOfProperty:</code>	Returns the type for a given property.

Instance Methods

<code>addMember:</code>	Adds a person to a group.
<code>addSubgroup:</code>	Adds a subgroup to another group.
<code>distributionIdentifierForProperty:person:</code>	Returns the distribution identifier for the given property and person.
<code>members</code>	Returns an array of persons in a group.
<code>parentGroups</code>	Returns an array containing a group's parents—the groups that a group belongs to.
<code>removeMember:</code>	Removes a person from a group.
<code>removeSubgroup:</code>	Removes a subgroup from a group.

<code>setDistributionIdentifier:forProperty:person:</code>	Assigning a specific distribution identifier for a person's multi-value list property so that the group can be used as a distribution list (mailing list, in the case of an email property).
<code>subgroups</code>	Returns an array containing a group's subgroups.

ABMultiValue (New)

Complete reference information is available in the `ABMultiValue` reference.

Instance Methods

<code>count</code>	Returns the number of entries in a multi-value list.
<code>identifierAtIndex:</code>	Returns the identifier for the given index.
<code>indexForIdentifier:</code>	Returns the index for the given identifier.
<code>labelAtIndex:</code>	Returns the label for the given index.
<code>primaryIdentifier</code>	Returns the identifier for the primary value.
<code>propertyType</code>	Returns the type for the values in a multi-value list.
<code>valueAtIndex:</code>	Returns the value for the given index.

ABMutableMultiValue (New)

Complete reference information is available in the `ABMutableMultiValue` reference.

Instance Methods

<code>addValue:withLabel:</code>	Adds a value and its label to a multi-value list.
<code>insertValue:withLabel:atIndex:</code>	Inserts a value and its label at the given index in a multi-value list.
<code>removeValueAndLabelAtIndex:</code>	Removes the value and label at the given index.
<code>replaceLabelAtIndex:withLabel:</code>	Replaces the label at the given index.
<code>replaceValueAtIndex:withValue:</code>	Replaces the value at the given index.
<code>setPrimaryIdentifier:</code>	Sets the primary value to be the value for the given identifier.

ABPerson (New)

Complete reference information is available in the [ABPerson](#) reference.

Class Methods

<code>addPropertiesAndTypes:</code>	Adds the given properties to all the records of this type in the Address Book database, and returns the number of properties successfully added.
<code>cancelLoadingImageDataForTag:</code>	Cancels an asynchronous fetch of the images for a given tag.
<code>properties</code>	Returns an array of the names of all the properties for the ABPerson record in the Address Book database.
<code>removeProperties:</code>	Removes the given properties from all the records of this type in the Address Book database, and returns the number of properties successfully removed.
<code>searchElementForProperty:label: key:value:comparison:</code>	Returns a search element object that specifies a query for records of this type.
<code>typeOfProperty:</code>	Returns the type for a given property.

Instance Methods

<code>beginLoadingImageDataForClient:</code>	Starts an asynchronous fetch for image data in all locations, and returns a non-zero tag for tracking.
<code>imageData</code>	Returns data that contains a picture of this person.
<code>initWithVCardRepresentation:</code>	Returns an ABPerson instance initialized with the given data.
<code>parentGroups</code>	Returns an array of the ABGroups this person belongs to.
<code>setImageData:</code>	Sets the image for this person to the given data.
<code>setTIFFImageData:</code>	
<code>TIFFImageData</code>	
<code>vCardRepresentation</code>	Returns the vCard representation of the person as a data object in vCard format.

ABRecord (New)

Complete reference information is available in the [ABRecord](#) reference.

Instance Methods

<code>removeValueForProperty:</code>	Removes the value for a given property.
<code>setValue:forProperty:</code>	Sets the value of a given property for a record.
<code>uniqueId</code>	Returns the unique ID of the receiver.
<code>valueForProperty:</code>	Returns the value of the given property.

ABSearchElement (New)

Complete reference information is available in the [ABSearchElement](#) reference.

Class Methods

<code>searchElementForConjunction:children:</code>	Returns a compound search element created by combining the search elements in an array with the given conjunction.
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Instance Methods

<code>matchesRecord:</code>	Tests whether or not a record matches a search element.
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Protocols

All of the protocols with new symbols are listed alphabetically, with their new methods described.

ABImageClient (New)

Complete reference information is available in the [ABImageClient](#) reference.

Instance Methods

<code>consumeImageData:forTag:</code>	Gets the image data for the given tag that was initiated by an asynchronous fetch.
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C Symbols

All of the header files with new symbols are listed alphabetically, with their new symbols described.

ABAddressBookC.h

Functions

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABAddPropertiesAndTypes	Adds the given properties to all the records of the specified type in the Address Book database, and returns the number of properties successfully added.
ABAddRecord	Adds a record of the specified type to the Address Book database.
ABBeginLoadingImageDataForClient	Starts an asynchronous fetch for image data in all locations, and returns a non-zero tag for tracking.
ABCancelLoadingImageDataForTag	Cancels an asynchronous fetch of an image for the given tag.
ABCopyArrayOfAllGroups	Returns an array of all the groups in the Address Book database.
ABCopyArrayOfAllPeople	Returns an array of all the people in the Address Book database.
ABCopyArrayOfMatchingRecords	Returns an array of records that match the given search element, or an empty array if no records match the search element.
ABCopyArrayOfPropertiesForRecordType	Returns an array containing the names of all the properties for the specified record type.
ABCopyLocalizedPropertyOrLabel	Returns the localized version of a built in property, label, or key.
ABCopyRecordForUniqueId	Returns the record that matches the given unique ID.
ABGetMe	Returns the ABPerson object for the logged-in user.
ABGetSharedAddressBook	Returns the unique shared ABAddressBook object.
ABGroupAddGroup	Adds a subgroup to another group.
ABGroupAddMember	Adds a person to a group.
ABGroupCopyArrayOfAllMembers	Returns an array of persons in a group.
ABGroupCopyArrayOfAllSubgroups	Returns an array containing a group's subgroups.
ABGroupCopyDistributionIdentifier	Returns the distribution identifier for the given property and person.

10.2 Symbol Changes

ABGroupCopyParentGroups	Returns an array containing a group's parents—the groups that a group belongs to.
ABGroupCreate	Returns a new ABGroup object.
ABGroupCreateSearchElement	Creates an ABSearchElement object that specifies a query for ABGroup records.
ABGroupRemoveGroup	Removes a subgroup from a group.
ABGroupRemoveMember	Removes a person from a group.
ABGroupSetDistributionIdentifier	Assigning a specific distribution identifier for a person's multi-value list property so that the group can be used as a distribution list (mailing list, in the case of an email property).
ABHasUnsavedChanges	Returns whether if there are unsaved changes in the address book.
ABMultiValueAdd	Adds a value and its label to a multi-value list.
ABMultiValueCopyIdentifierAtIndex	Returns the identifier at the given index.
ABMultiValueCopyLabelAtIndex	Returns the label for the given index.
ABMultiValueCopyPrimaryIdentifier	Returns the identifier for the primary value.
ABMultiValueCopyValueAtIndex	Returns the value for the given index.
ABMultiValueCount	Returns the number of entries in a multi-value list.
ABMultiValueCreate	Returns a new ABMultiValue object.
ABMultiValueCreateCopy	Returns a copy of a multi-value object.
ABMultiValueCreateMutable	Returns a newly created mutable multi-value list object.
ABMultiValueCreateMutableCopy	Returns a mutable copy of a multi-value object.
ABMultiValueIndexForIdentifier	Returns the index for the given identifier.
ABMultiValueInsert	Inserts a value and its label at the given index in a multi-value list.
ABMultiValuePropertyType	Returns the type for the values in a multi-value list.
ABMultiValueRemove	Removes the value and label at the given index.
ABMultiValueReplaceLabel	Replaces the label at the given index.
ABMultiValueReplaceValue	Replaces the value at the given index.
ABMultiValueSetPrimaryIdentifier	Sets the primary value to be the value for the given identifier.

ABPersonCopyImageData	Returns data that contains a picture of a person.
ABPersonCopyParentGroups	Returns an array of groups that a person belongs to.
ABPersonCopyVCardRepresentation	Returns the vCard representation of the person as a data object in vCard format.
ABPersonCreate	Returns a newly created person object.
ABPersonCreateSearchElement	Returns a search element object that specifies a query for records of this type.
ABPersonCreateWithVCardRepresentation	Returns a new ABPerson object initialized with the given data in vCard format.
ABPersonSetImageData	Sets the image for this person to the given data.
ABRecordCopyRecordType	Returns the type of the given record.
ABRecordCopyUniqueId	Returns the unique ID of the receiver.
ABRecordCopyValue	Returns the value of the given property.
ABRecordRemoveValue	Removes the value of the given property.
ABRecordSetValue	Sets the value of a given property for a record.
ABRemoveProperties	Removes the given properties from all the records of this type in the Address Book database, and returns the number of properties successfully removed.
ABRemoveRecord	Removes the specified record from the Address Book database.
ABSave	Saves all the changes made since the last save.
ABSearchElementCreateWithConjunction	Returns a compound search element created by combining the search elements in an array with the given conjunction.
ABSearchElementMatchesRecord	Tests whether or not a record matches a search element.
ABSetMe	Sets the record that represents the logged-in user.
ABTypeOfProperty	Returns the type of a given property for a given record.

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABAddressBookRef	A reference to an ABAddressBook object.
ABGroupRef	A reference to an ABGroup object.

ABImageClientCallback	Prototype of a callback function used to notify an application when an asynchronous image fetch is complete.
ABMultiValueRef	A reference to an ABMultiValue or ABMutableMultiValue object.
ABMutableMultiValueRef	A reference to an ABMutableMultiValue object.
ABPersonRef	A reference to an ABPerson object.
ABRecordRef	A reference to an ABRecord object or any of its derived opaque types.
ABSearchElementRef	A reference to an ABSearchElement object.

ABGlobals.h

Functions

All of the new functions in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABLocalizedPropertyOrLabel	Returns the localized version of a built in property, label, or key.
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Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

kABAddressCityKey	City (string).
kABAddressCountryCodeKey	Country Code (string).
kABAddressCountryKey	Country (string).
kABAddressHomeLabel	Home address.
kABAddressProperty	Street Addresses (multi-dictionary).
kABAddressStateKey	State (string).
kABAddressStreetKey	Street (string).
kABAddressWorkLabel	Work address.
kABAddressZIPKey	Zip (string).
kABAIMHomeLabel	Home AIM.
kABAIMInstantProperty	AIM Instant Messaging (multi-string).

10.2 Symbol Changes

kABAIMWorkLabel	Work AIM.
kABBirthdayProperty	Birth date (date).
kABCreationDateProperty	Creation date (when first saved).
kABDatabaseChangedExternallyNotification	Another process has changed the AddressBook database.
kABDatabaseChangedNotification	This process has changed the AddressBook database.
kABEmailHomeLabel	Home email.
kABEmailProperty	email(s) (multi-string).
kABEmailWorkLabel	Work email.
kABFirstNamePhoneticProperty	First name phonetic (string).
kABFirstNameProperty	First name (string).
kABGroupNameProperty	Name of the group.
kABHomeLabel	All kABXXXXHomeLabel constants are equivalent to this label.
kABHomePageProperty	Home Web page (string). Deprecated in Mac OS X version 10.4.
kABICQHomeLabel	Home ICQ.
kABICQInstantProperty	ICQ Instant Messaging (multi-string).
kABICQWorkLabel	Work ICQ.
kABJabberHomeLabel	Home Jabber.
kABJabberInstantProperty	Jabber Instant Messaging (multi-string).
kABJabberWorkLabel	Work Jabber.
kABJobTitleProperty	Job Title (string).
kABLastNamePhoneticProperty	Last name phonetic (string).
kABLastNameProperty	Last name (string).
kABMaidenNameProperty	Maiden name (string). Not supported in the AddressBook UI.
kABMiddleNamePhoneticProperty	Middle name phonetic (string). Not supported in the AddressBook UI.
kABMiddleNameProperty	Middle name (string). Not supported in the AddressBook UI.

10.2 Symbol Changes

kABModificationDateProperty	Modification date (when last saved).
kABMSNHomeLabel	Home MSN.
kABMSNInstantProperty	MSN Instant Messaging (multi-string).
kABMSNWorkLabel	Work MSN.
kABNicknameProperty	Nickname (string). Not supported in the AddressBook UI.
kABNoteProperty	Note (string).
kABOrganizationProperty	Company name (string)
kABOtherLabel	Can be used with any multi-value property.
kABPhoneHomeFAXLabel	FAX number.
kABPhoneHomeLabel	Home phone.
kABPhoneMainLabel	Main phone.
kABPhoneMobileLabel	Cell phone.
kABPhonePagerLabel	Pager number.
kABPhoneProperty	Generic phone number (multi-string).
kABPhoneWorkFAXLabel	FAX number.
kABPhoneWorkLabel	Work phone.
kABSuffixProperty	Suffix as in "Sr.," "Jr.," "III," or "Esq." (string). Not supported in the AddressBook UI.
kABTitleProperty	Title as in "Sir," "Duke," "General," "Cardinal," or "Lord" (string). Not supported in the AddressBook UI.
kABUIDProperty	The UID property.
kABWorkLabel	All kABXXXXWorkLabel constants are equivalent to this label.
kABYahooHomeLabel	Home Yahoo.
kABYahooInstantProperty	Yahoo Instant Messaging (multi-string).
kABYahooWorkLabel	Work Yahoo.

ABTypedefs.h

Data Types & Constants

All of the new data types and constants in this header file are listed alphabetically, with links to documentation and abstracts, if available.

ABPropertyType	These are the possible types of ABRecord properties.
ABSearchComparison	Defines constants used to construct search elements.
ABSearchConjunction	Defines constants used to combine search elements.
kABArrayProperty	Indicates a CFArray object.
kABContainsSubString	Search for elements that contain the value.
kABContainsSubStringCaseInsensitive	Search for elements that contain the value, ignoring case.
kABDataProperty	Indicates a CFData object.
kABDateProperty	Indicates a CFDate object.
kABDictionaryProperty	Indicates a CFDictionary object.
kABEqual	Search for elements that are equal to the value.
kABEqualCaseInsensitive	Search for elements that are equal to the value, ignoring case.
kABErrorInProperty	Returned by some functions when an invalid property is used.
kABGreaterThan	Search for elements that are greater than the value.
kABGreaterThanOrEqual	Search for elements that are greater than or equal to the value.
kABIntegerProperty	Indicates a CFNumber object representing an integer.
kABLessThan	Search for elements that are less than the value.
kABLessThanOrEqual	Search for elements that are less than or equal to the value.
kABMultiArrayProperty	Indicates an ABMultiValue containing NSArray objects.
kABMultiDataProperty	Indicates an ABMultiValue containing NSData objects.
kABMultiDateProperty	Indicates an ABMultiValue containing NSDate objects.
kABMultiDictionaryProperty	Indicates an ABMultiValue containing NSDictionary objects.
kABMultiIntegerProperty	Indicates an ABMultiValue containing NSNumber objects representing integers.

10.2 Symbol Changes

<code>kABMultiRealProperty</code>	Indicates an <code>ABMultiValue</code> containing <code>NSNumber</code> objects representing real numbers.
<code>kABMultiStringProperty</code>	Indicates an <code>ABMultiValue</code> containing <code>NSString</code> objects.
<code>kABMultiValueMask</code>	
<code>kABNotEqual</code>	Search for elements that are not equal to the value.
<code>kABPrefixMatch</code>	Search for elements that begin with the value.
<code>kABPrefixMatchCaseInsensitive</code>	Search for elements that begin with the value, ignoring case.
<code>kABRealProperty</code>	Indicates a <code>CFNumber</code> object representing a real number.
<code>kABSearchAnd</code>	Join the search elements together with the AND operand.
<code>kABSearchOr</code>	Join the search elements together with the OR operand.
<code>kABStringProperty</code>	Indicates a <code>CFString</code> object.

Document Revision History

This table describes the changes to *Address Book Reference Update*.

Date	Notes
2007-07-18	Updated with the symbols added to the Address Book framework in Mac OS X v10.5.
2005-04-29	Added information about additional documentation on the Address Book framework.
	New document that summarizes the symbols added to the Address Book framework in Mac OS X v10.4.

