

[Address Book](#) / Address Book Constants

API Collection

# Address Book Constants

Get the constants you use to specify Address Book information.

## Topics

### Data Type Constants

#### ⌵ Address Keys

The keys used to specify the different fields in a `kABAddressProperty`.

#### ⌵ Default Person Properties

The properties that a person record contains by default.

#### ⌵ Default Group Properties

The properties that a group record contains by default. Developers can add their own properties with the `ABGroup` method `addPropertiesAndTypes(_ :)`

#### ⌵ Default Multivalue List Labels

The default labels contained in the Address Book database for specifying different values in a multivalue list. Users can also add their own labels.

#### ⌵ Generic Multivalue List Labels

The generic labels contained in the Address Book database for specifying different values in a multivalue list.

#### ⌵ Multivalue Property

A multivalue property type.

#### ⌵ Default Record Properties

Properties common to all types of records.

### ⌵ Property Types

The possible ABPropertyType types for ABRecord properties:

## Social Media Constants

### ⌵ Instant Messaging Keys

The keys used to specify the different fields in a kABInstantMessageProperty property.

### ⌵ Instant Messaging Services

The predefined constants are used to identify instant messaging services.

### ⌵ Social Profile Services

The predefined constants are used to identify social networking services.

## Errors

~~let ABAddressBookErrorDomain: CFString!~~

Error domain returning errors reported by an address book object.

Deprecated

### ⌵ Error Codes

Errors codes used by the Address Book framework.

## Miscellaneous

var ABMultipleValueSelection: ABPeoplePickerSelectionBehavior

The user can select multiple values.

var ABNoValueSelection: ABPeoplePickerSelectionBehavior

The user cannot select individual values.

var ABSingleValueSelection: ABPeoplePickerSelectionBehavior

The user can select a single value.

let kABAlternateBirthdayComponentsProperty: String

The components that represent a birthday in a non-Gregorian calendar.

var kABBitsInBitFieldMatch: \_ABSearchComparison

Search for elements that match the bits in ABPersonFlags.

`var kABContainsSubString: _ABSearchComparison`  
Search for elements that contain the value.

`var kABContainsSubStringCaseInsensitive: _ABSearchComparison`  
Search for elements that contain the value, ignoring case.

`var kABDefaultNameOrdering: Int32`  
Default name ordering (whether a person's first name or last name is displayed first) in the Address Book application.

`let kABDeletedRecords: String`  
Records that have been deleted.

`var kABDoesNotContainSubString: _ABSearchComparison`  
Search for elements that do not contain the value.

`var kABDoesNotContainSubStringCaseInsensitive: _ABSearchComparison`  
Search for elements that do not contain the value, ignoring case.

`var kABEqual: _ABSearchComparison`  
Search for elements that are equal to the value.

`var kABEqualCaseInsensitive: _ABSearchComparison`  
Search for elements that are equal to the value, ignoring case.

`var kABFirstNameFirst: Int32`  
First name is displayed first in Address Book.

`var kABGreaterThan: _ABSearchComparison`  
Search for elements that are greater than the value.

`var kABGreaterThanOrEqual: _ABSearchComparison`  
Search for elements that are greater than or equal to the value.

`let kABInsertedRecords: String`  
Records that have been inserted.

`var kABLastNameFirst: Int32`  
Last name is displayed first in Address Book.

`var kABLessThan: _ABSearchComparison`  
Search for elements that are less than the value.

`var kABLessThanOrEqual: _ABSearchComparison`  
Search for elements that are less than or equal to the value.

`var kABMultiValueInvalidIdentifier: Int32`  
Invalid multivalue property.

`var kABNameOrderingMask: Int32`  
Used in conjunction with `kABDefaultNameOrdering`, `kABFirstNameFirst`, and `kABLastNameFirst` to determine name ordering.

`var kABNotEqual: _ABSearchComparison`  
Search for elements that are not equal to the value.

`var kABNotEqualCaseInsensitive: _ABSearchComparison`  
Search for elements that are not equal to the value, ignoring case.

`var kABNotWithinIntervalAroundToday: _ABSearchComparison`  
Search for elements that are *not* within a time interval (in seconds) forward or backward from today.

`var kABNotWithinIntervalAroundTodayYearless: _ABSearchComparison`  
Search for elements that are *not* within a time interval (in seconds) forward or backward from this day in any year.

`var kABNotWithinIntervalFromToday: _ABSearchComparison`  
Search for elements that are *not* within a time interval (in seconds) forward from today.

`var kABNotWithinIntervalFromTodayYearless: _ABSearchComparison`  
Search for elements that are *not* within a time interval (in seconds) forward from this day in any year.

`let kABOrganizationPhoneticProperty: String`  
The phonetic representation of an organization name.

`var kABPrefixMatch: _ABSearchComparison`  
Search for elements that begin with the value.

`var kABPrefixMatchCaseInsensitive: _ABSearchComparison`  
Search for elements that begin with the value, ignoring case.

`var kABPropertyInvalidID: Int32`  
Indicates an invalid value for a property ID.

`var kABRecordInvalidID: Int32`

Records with this ID have not been saved to the Address Book database.

`var kABSearchAnd: _ABSearchConjunction`

Join the search elements together with theAND operand.

`var kABSearchOr: _ABSearchConjunction`

Join the search elements together with theOR operand.

`var kABShowAsCompany: Int32`

Record is displayed as a company.

`var kABShowAsMask: Int32`

Used in conjunction with kABShowAsPerson and kABShowAsCompany to determine record configuration.

`var kABShowAsPerson: Int32`

Record is displayed as a person.

`var kABShowAsResource: Int32`

Record is displayed as a resource.

`var kABShowAsRoom: Int32`

Record is displayed as a room.

`let kABSocialProfileServiceTencentWeibo: String`

The user's Tencent Weibo profile identifier.

`let kABSocialProfileServiceYelp: String`

The user's Yelp profile identifier.

`var kABSourceTypeSearchableMask: Int32`

Indicates that a source is searchable.

`var kABSuffixMatch: _ABSearchComparison`

Search for elements that end with the value.

`var kABSuffixMatchCaseInsensitive: _ABSearchComparison`

Search for elements that end with the value, ignoring case.

`let kABUpdatedRecords: String`

Records that have been updated.

`var KABWithinIntervalAroundToday: _ABSearchComparison`

Search for elements that are within a time interval (in seconds) forward or backward from today.

`var KABWithinIntervalAroundTodayYearless: _ABSearchComparison`

Search for elements that are within a time interval (in seconds) forward or backward from this day in any year.

`var KABWithinIntervalFromToday: _ABSearchComparison`

Search for elements that are within a time interval (in seconds) forward from today.

`var KABWithinIntervalFromTodayYearless: _ABSearchComparison`

Search for elements that are within a time interval (in seconds) forward from this day in any year.

## Deprecated

~~`let KABPersonAddressCityKey: CFString!`~~

City.

Deprecated

~~`let KABPersonAddressCountryCodeKey: CFString!`~~

Country code. The value is an ISO country code.

Deprecated

~~`let KABPersonAddressCountryKey: CFString!`~~

Country or region.

Deprecated

~~`let KABPersonAddressProperty: ABPropertyID`~~

Identifier for the address multivalue property.

Deprecated

~~`let KABPersonAddressStateKey: CFString!`~~

State.

Deprecated

~~`let KABPersonAddressStreetKey: CFString!`~~

Street.

Deprecated

~~let kABPersonAddressZIPKey: CFString!~~

Zip code.

Deprecated

~~let kABPersonAlternateBirthdayCalendarIdentifierKey: CFString!~~

The associated value is a string representing the calendar identifier for a CFCalendar.

Deprecated

~~let kABPersonAlternateBirthdayDayKey: CFString!~~

The associated value is a CFNumber of type CFNumberType.nsIntegerType whose value is the day for the birthday.

Deprecated

~~let kABPersonAlternateBirthdayEraKey: CFString!~~

The associated value is a CFNumber of type CFNumberType.nsIntegerType whose value is the era for the birthday.

Deprecated

~~let kABPersonAlternateBirthdayIsLeapMonthKey: CFString!~~

The associated value is a CFNumber of type CFNumberType.charType.

Deprecated

~~let kABPersonAlternateBirthdayMonthKey: CFString!~~

The associated value is a CFNumber of type CFNumberType.nsIntegerType whose value is the month for the birthday.

Deprecated

~~let kABPersonAlternateBirthdayProperty: ABPropertyID~~

The associated value is a kABDictionaryPropertyType with keys specified by the other constants listed here.

Deprecated

~~let kABPersonAlternateBirthdayYearKey: CFString!~~

The associated value is a CFNumber of type CFNumberType.nsIntegerType whose value is the year for the birthday.

Deprecated

~~let kABPersonAnniversaryLabel: CFString!~~

Birthday.

Deprecated

~~let kABPersonAssistantLabel: CFString!~~

Assistant.

Deprecated

~~let kABPersonBirthdayProperty: ABPropertyID~~

Birthday. Type: kABDateTimePropertyType.

Deprecated

~~let kABPersonBrotherLabel: CFString!~~

Brother.

Deprecated

~~let kABPersonChildLabel: CFString!~~

Child.

Deprecated

~~let kABPersonCreationDateProperty: ABPropertyID~~

Creation date. Type: kABDateTimePropertyType.

Deprecated

~~let kABPersonDateProperty: ABPropertyID~~

Identifier for the dates multivalue property.

Deprecated

~~let kABPersonDepartmentProperty: ABPropertyID~~

Department. Type: kABStringPropertyType.

Deprecated

~~let kABPersonEmailProperty: ABPropertyID~~

Email address. Type: kABMultiStringPropertyType.

Deprecated

~~let kABPersonFatherLabel: CFString!~~

Father.

Deprecated

~~let kABPersonFirstNamePhoneticProperty: ABPropertyID~~

First name phonetic. Type: kABStringPropertyType.

Deprecated

~~let kABPersonFirstNameProperty: ABPropertyID~~



First name. Type: kABStringPropertyType.

Deprecated

~~let kABPersonFriendLabel: CFString!~~

Friend.

Deprecated

~~let kABPersonHomePageLabel: CFString!~~

Home page.

Deprecated

var kABPersonImageFormatOriginalSize: ABPersonImageFormat

The image at its original size and shape.

var kABPersonImageFormatThumbnail: ABPersonImageFormat

The small square thumbnail.

~~let kABPersonInstantMessageProperty: ABPropertyID~~

Identifier for the instant message multivalue property.

Deprecated

~~let kABPersonInstantMessageServiceAIM: CFString!~~

AIM instant message service.

Deprecated

~~let kABPersonInstantMessageServiceFacebook: CFString!~~

Facebook instant message service.

Deprecated

~~let kABPersonInstantMessageServiceGaduGadu: CFString!~~

Gadu-Gadu instant message service.

Deprecated

~~let kABPersonInstantMessageServiceGoogleTalk: CFString!~~

Google Talk instant message service.

Deprecated

~~let kABPersonInstantMessageServiceICQ: CFString!~~

ICQ instant message service.

Deprecated

~~let kABPersonInstantMessageServiceJabber: CFString!~~

Jabber instant message service.

Deprecated

~~let kABPersonInstantMessageServiceKey: CFString!~~

Instant message service.

Deprecated

~~let kABPersonInstantMessageServiceMSN: CFString!~~

MSN instant message service.

Deprecated

~~let kABPersonInstantMessageServiceQQ: CFString!~~

QQ instant message service.

Deprecated

~~let kABPersonInstantMessageServiceSkype: CFString!~~

Skype instant message service.

Deprecated

~~let kABPersonInstantMessageServiceYahoo: CFString!~~

Yahoo instant message service.

Deprecated

~~let kABPersonInstantMessageUsernameKey: CFString!~~

Instant message service username.

Deprecated

~~let kABPersonJobTitleProperty: ABPropertyID~~

Job title. Type: kABStringPropertyType.

Deprecated

~~let kABPersonKindOrganization: CFNumber!~~

Identifies an organization.

Deprecated

~~let kABPersonKindPerson: CFNumber!~~

Identifies a person.

Deprecated

~~let kABPersonKindProperty: ABPropertyID~~

Identifier for the type property.

Deprecated

~~let kABPersonLastNamePhoneticProperty: ABPropertyID~~

Last name phonetic. Type: kABStringPropertyType.

Deprecated

~~let kABPersonLastNameProperty: ABPropertyID~~

Last name. Type: kABStringPropertyType.

Deprecated

~~let kABPersonManagerLabel: CFString!~~

Manager.

Deprecated

~~let kABPersonMiddleNamePhoneticProperty: ABPropertyID~~

Middle name phonetic. Type: kABStringPropertyType.

Deprecated

~~let kABPersonMiddleNameProperty: ABPropertyID~~

Middle name. Type: kABStringPropertyType.

Deprecated

~~let kABPersonModificationDateProperty: ABPropertyID~~

Modification date. Type: kABDateTimePropertyType.

Deprecated

~~let kABPersonMotherLabel: CFString!~~

Mother.

Deprecated

~~let kABPersonNicknameProperty: ABPropertyID~~

Nickname. Type: kABStringPropertyType.

Deprecated

~~let kABPersonNoteProperty: ABPropertyID~~

Note. Type: kABStringPropertyType.

Deprecated

~~let kABPersonOrganizationProperty: ABPropertyID~~

Organization name. Type: kABStringPropertyType.

Deprecated

~~let kABPersonParentLabel: CFString!~~  
Parent.

Deprecated

~~let kABPersonPartnerLabel: CFString!~~  
Partner.

Deprecated

~~let kABPersonPhoneHomeFAXLabel: CFString!~~  
Home fax number.

Deprecated

~~let kABPersonPhoneIPhoneLabel: CFString!~~  
iPhone number.

Deprecated

~~let kABPersonPhoneMainLabel: CFString!~~  
Main phone number.

Deprecated

~~let kABPersonPhoneMobileLabel: CFString!~~  
Mobile phone number.

Deprecated

~~let kABPersonPhoneOtherFAXLabel: CFString!~~  
Other fax number.

Deprecated

~~let kABPersonPhonePagerLabel: CFString!~~  
Pager phone number.

Deprecated

~~let kABPersonPhoneProperty: ABPropertyID~~  
Identifier for the phone number multivalue property.

Deprecated

~~let kABPersonPhoneWorkFAXLabel: CFString!~~  
Work fax number.

Deprecated

~~let kABPersonPrefixProperty: ABPropertyID~~

Prefix ("Sir," "Duke," "General"). Type: kABStringPropertyType.

Deprecated

~~let kABPersonRelatedNamesProperty: ABPropertyID~~

Identifier for the related name multivalue property.

Deprecated

~~let kABPersonSisterLabel: CFString!~~

Sister.

Deprecated

~~let kABPersonSocialProfileProperty: ABPropertyID~~

Identifier for the social profile property.

Deprecated

~~let kABPersonSocialProfileServiceFacebook: CFString!~~

Facebook social profile service.

Deprecated

~~let kABPersonSocialProfileServiceFlickr: CFString!~~

Flickr social profile service.

Deprecated

~~let kABPersonSocialProfileServiceGameCenter: CFString!~~

Game Center social profile service.

Deprecated

~~let kABPersonSocialProfileServiceKey: CFString!~~

Social profile service.

Deprecated

~~let kABPersonSocialProfileServiceLinkedIn: CFString!~~

LinkedIn social profile service.

Deprecated

~~let kABPersonSocialProfileServiceMyspace: CFString!~~

Myspace social profile service.

Deprecated

~~let kABPersonSocialProfileServiceSinaWeibo: CFString!~~

Sina Weibo social profile service.

Deprecated

~~let kABPersonSocialProfileServiceTwitter: CFString!~~

Twitter social profile service.

Deprecated

~~let kABPersonSocialProfileURLKey: CFString!~~

Social profile URL.

Deprecated

~~let kABPersonSocialProfileUserIdentifierKey: CFString!~~

Social profile user identifier.

Deprecated

~~let kABPersonSocialProfileUsernameKey: CFString!~~

Social profile username.

Deprecated

~~let kABPersonSpouseLabel: CFString!~~

Spouse.

Deprecated

~~let kABPersonSuffixProperty: ABPropertyID~~

Suffix ("Jr.," "Sr.," "III"). Type: kABStringPropertyType.

Deprecated

~~let kABPersonURLProperty: ABPropertyID~~

Identifier for the URL multivalue property.

Deprecated

~~let kABSourceNameProperty: ABPropertyID~~

The name of the source. Type: kABStringPropertyType.

Deprecated

~~let kABSourceTypeProperty: ABPropertyID~~

The type of the source.

Deprecated

# See Also

## C Interfaces

### ☰ C Types

Identify the C types that correspond to Address Book objects.

### ☰ AddressBook Functions

Find the C functions and function-like macros you use to manipulate Address Book data.

### ☰ AddressBook Enumerations

Get the enumerations you use to specify Address Book information.

### ☰ AddressBook Data Types

Get the data types you use to specify Address Book information.