

[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 kABAAlternateBirthdayComponentsProperty: 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 kABGreater Than: _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 kABI nsertedRecords: String
```

Records that have been inserted.

```
var kABL astNameFirst: 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 kABLLastNameFirst 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 the AND operand.

```
var kABSearchOr: _ABSearchConjunction
```

Join the search elements together with the OR 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!~~

Birthdate.

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.