

[Address Book](#) / [ABRecord](#)

Class

ABRecord

An abstract class that defines the common properties for all Address Book records.

macOS

```
class ABRecord
```

Overview

`ABRecord` is an abstract superclass providing a common interface to, and defining common properties for, all Address Book records. A property is a field in the database record, such as the first or last name of a person record. `ABRecord` defines the types of properties supported, and basic methods for getting, setting, and removing property values.

The `ABRecord` class is “toll-free bridged” with its procedural C opaque-type counterpart. This means that the `ABRecordRef` type is interchangeable in function or method calls with instances of the `ABRecord` class.

Topics

Creating a Record

```
init!(addressBook: ABAddressBook!)
```

Initializes a record using the given address book.

```
init!()
```

Initializes a record using the shared address book.

Retrieving and Setting Values

```
func removeValue(forProperty: String!) -> Bool
```

Removes the value for a given property.

```
func setValue(Any!, forProperty: String!) -> Bool
```

Sets the value of a given property for a record.

```
func setValue(Any!, forProperty: String!, error: ()) throws
```

Sets the value of a given property for a record, returning error information.

```
func value(forProperty: String!) -> Any!
```

Returns the value of a given property for a record.

Retrieving a Specific Record

```
func isReadOnly() -> Bool
```

Returns whether a record is read-only.

Getting Identifying Information

```
var displayName: String!
```

A user-visible string representing the record.

```
var uniqueId: String!
```

Returns the unique ID for a record.

Relationships

Inherits From

NSObject

Inherited By

ABGroup, ABPerson

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

See Also

Data Types

`class` ABPerson

An object that encapsulates all information about a person in the Address Book database.

`class` ABGroup

An object that represents a group of records in the Address Book database.

`class` ABMultiValue

An immutable representation of a property that might have multiple values.

`class` ABMutableMultiValue

A mutable representation of a property that might have multiple values.

`protocol` ABImageClient

Methods for responding to a request to load images associated with a contact.