
CalCalendar Class Reference

Data Management: Calendar Data



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Inherits from	NSObject
Conforms to	NSCopying NSObject (NSObject)
Framework	/System/Library/Frameworks/CalendarStore.framework
Availability	Available in Mac OS X v10.5 and later.
Companion guide	Calendar Store Programming Guide
Declared in	CalCalendar.h
Related sample code	CalendarItems Reminders

Overview

A `CalCalendar` object represents a calendar in iCal.

Use the `calendar` (page 8) method to create a `CalCalendar` object directly, or use the `CalCalendarStore` `calendars` method to get an array of all the calendar objects. If you know the calendar UID, use the `calendarWithUID:CalCalendarStore` method to get the associated calendar object.

Use the properties in this class to get attributes about a calendar—for example, use the properties to get the title and color of a calendar. Use the `eventsWithPredicate:` and `tasksWithPredicate:CalCalendarStore` methods to fetch associated events and tasks.

If you retain `CalCalendar` objects, then register for the `CalCalendarsChangedNotification` notification.

Tasks

Creating Calendars

- + `calendar` (page 8)
Creates and returns a new `CalCalendar` object.

Getting Properties

`color` (page 6) *property*

The calendar's color.

`isEditable` (page 6) *property*

A Boolean value indicating whether the calendar is editable or not.

`notes` (page 7) *property*

Textual notes about the calendar.

`title` (page 7) *property*

The calendar's title.

`type` (page 7) *property*

The type of calendar.

`uid` (page 7) *property*

A unique identifier for the receiver.

Properties

For more about Objective-C properties, see “Properties” in *The Objective-C Programming Language*.

color

The calendar's color.

```
@property(copy) NSColor * color;
```

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalCalendar.h

isEditable

A Boolean value indicating whether the calendar is editable or not.

```
@property(readonly) BOOL isEditable;
```

Discussion

Set to YES if the calendar is editable; otherwise, NO.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalCalendar.h

notes

Textual notes about the calendar.

```
@property(copy) NSString * notes;
```

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalCalendar.h

title

The calendar's title.

```
@property(copy) NSString * title;
```

Availability

Available in Mac OS X v10.5 and later.

Related Sample Code

Reminders

Declared In

CalCalendar.h

type

The type of calendar.

```
@property(readonly) NSString * type;
```

Discussion

The value of this property is one of the constants described in “[Calendar Types](#)” (page 8).

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalCalendar.h

uid

A unique identifier for the receiver.

```
@property(readonly) NSString * uid;
```

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalCalendar.h

Class Methods

calendar

Creates and returns a new `CalCalendar` object.

```
+ (id)calendar
```

Return Value

A newly created and initialized `CalCalendar` object.

Availability

Available in Mac OS X v10.5 and later.

Related Sample Code

Reminders

Declared In

`CalCalendar.h`

Constants

Calendar Types

The type of calendar.

```
extern NSString * const CalCalendarTypeBirthday;
extern NSString * const CalCalendarTypeCalDAV;
extern NSString * const CalCalendarTypeExchange;
extern NSString * const CalCalendarTypeIMAP;
extern NSString * const CalCalendarTypeLocal;
extern NSString * const CalCalendarTypeSubscription;
```

Constants

`CalCalendarTypeBirthday`

An birthday calendar maintained by Address Book.

Available in Mac OS X v10.5 and later.

Declared in `CalCalendar.h`.

`CalCalendarTypeCalDAV`

A CalDAV server calendar.

Available in Mac OS X v10.5 and later.

Declared in `CalCalendar.h`.

`CalCalendarTypeExchange`

An Exchange calendar.

Available in Mac OS X v10.6 and later.

Declared in `CalCalendar.h`.

CalCalendarTypeIMAP

An IMAP calendar.

Available in Mac OS X v10.5 and later.

Declared in CalCalendar.h.

CalCalendarTypeLocal

A local calendar that may be synced over .Mac.

Available in Mac OS X v10.5 and later.

Declared in CalCalendar.h.

CalCalendarTypeSubscription

A subscribed calendar.

Available in Mac OS X v10.5 and later.

Declared in CalCalendar.h.

Declared In

CalendarStore/CalCalendar.h

Document Revision History

This table describes the changes to *CalCalendar Class Reference*.

Date	Notes
2009-02-03	Updated for Mac OS X v10.6 by adding the CalCalendarTypeExchange constant.
2007-07-08	New document that describes the class used to get attributes about a calendar.

REVISION HISTORY

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