

[EventKit](#) / EKCalendar

Class

EKCalendar

A class that represents a calendar in EventKit.

iOS 4.0+ | iPadOS 4.0+ | Mac Catalyst 13.1+ | macOS 10.8+ | visionOS 1.0+ | watchOS 2.0+

```
class EKCalendar
```

Mentioned in

 Retrieving events and reminders

Overview

Use the properties in this class to get attributes about a calendar, such as its title and type. Use the [init\(for:eventStore:\)](#) method to create a calendar object.

Topics

Creating Calendars

```
init(for: EKEntityType, eventStore: EKEEventStore)
```

Creates a new calendar that can contain the given entity type.

```
init(eventStore: EKEEventStore)
```

Creates and returns a calendar belonging to a specified event store.

Deprecated

Accessing Calendar Properties

`enum EKCalendarType`

Possible calendar types.

`struct EKCalendarEventAvailabilityMask`

A bitmask indicating the event availability settings that the calendar can support.

`var allowsContentModifications: Bool`

A Boolean value that indicates whether you can add, edit, and delete items in the calendar.

`var cgColor: CGColor!`

The calendar's color.

`var color: NSColor!`

The calendar's color.

`var isImmutable: Bool`

A Boolean value indicating whether the calendar's properties can be edited or deleted.

`var title: String`

The calendar's title.

`var type: EKCalendarType`

The calendar's type.

`var allowedEntityTypes: EKEntityTypeMask`

The entity types this calendar can contain.

`var source: EKSource!`

The source object representing the account to which this calendar belongs.

`var isSubscribed: Bool`

A Boolean value indicating whether the calendar is a subscribed calendar.

`var supportedEventAvailabilities: EKCalendarEventAvailabilityMask`

The event availability settings supported by this calendar, as indicated by a bitmask.

`var calendarIdentifier: String`

A unique identifier for the calendar.

~~func~~ ~~DATETIME_COMPONENTS_DO_NOT_USE()~~

A deprecated function.

Deprecated

~~func~~ ~~DATE_COMPONENTS_DO_NOT_USE()~~

A deprecated function.

Deprecated

Relationships

Inherits From

EKObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

See Also

Calendars

class EKParticipant

A class that represents person, group, or room invited to a calendar event.