

[EventKit UI](#) / [EKCalendarChooser](#)

Class

# EKCalendarChooser

A view controller for determining whether a user may select one or more calendars.

iOS 4.0+ | iPadOS 4.0+ | Mac Catalyst 13.0+ | visionOS 1.0+

```
@MainActor  
class EKCalendarChooser
```

## Overview

Use the calendar chooser view controller to allow users to select one or more calendars when creating or editing a calendar event. The calendar chooser also lets you specify whether to display all calendars, or only those that may be written to. The view controller can be pushed on a navigation stack or presented modally.

Use a delegate that conforms to [EKCalendarChooserDelegate](#) to receive callbacks when the user selects calendars or cancels an operation.

## Topics

### Initializing Calendar Choosers

```
init(selectionStyle: EKCalendarChooserSelectionStyle, displayStyle:  
EKCalendarChooserDisplayStyle, eventStore: EKEventStore)
```

Initializes a newly created calendar chooser.

```
init(selectionStyle: EKCalendarChooserSelectionStyle, displayStyle: EKCalendarChooserDisplayStyle, entityType: EKEntityType, eventStore: EKEventStore)
```

Initializes a newly created calendar chooser for a specific entity type.

## Managing Calendar Selection

```
var delegate: (any EKCalendarChooserDelegate)?
```

The calendar chooser's delegate.

```
protocol EKCalendarChooserDelegate
```

Methods a calendar chooser's delegate may use to receive notifications.

## Selecting a Calendar Type

```
var selectedCalendars: Set<EKCalendar>
```

The calendars selected by the user.

```
var selectionStyle: EKCalendarChooserSelectionStyle
```

Determines whether to allow selection of multiple calendars.

```
enum EKCalendarChooserSelectionStyle
```

Indicates whether users may select a single calendar, or multiple calendars.

```
enum EKCalendarChooserDisplayStyle
```

Indicates whether to display all calendars or writable calendars only.

## Changing the Appearance

```
var showsCancelButton: Bool
```

A Boolean that determines whether to display a Cancel button.

```
var showsDoneButton: Bool
```

A Boolean that determines whether to display a Done button.

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## Relationships

## Inherits From

UIViewController

## Conforms To

CVarArg  
CustomDebugStringConvertible  
CustomStringConvertible  
Equatable  
Hashable  
NSCoding  
NSExtensionRequestHandling  
NSObjectProtocol  
NSTouchBarProvider  
UIActivityItemsConfigurationProviding  
UIAppearanceContainer  
UIContentContainer  
UIFocusEnvironment  
UIPasteConfigurationSupporting  
UIResponderStandardEditActions  
UIStateRestoring  
UITraitChangeObservable  
UITraitEnvironment  
UIUserActivityRestoring