
CalRecurrenceEnd Class Reference

[Cocoa](#) > [Apple Applications](#)



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CalRecurrenceEnd Class Reference

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	CalRecurrenceRule.h

Overview

`CalRecurrenceEnd` objects are used to describe a property of `CalRecurrenceRule` objects that defines how long a recurrence is scheduled to repeat.

You can create a recurrence end either using the [`recurrenceEndWithEndDate:`](#) (page 7) method specifying the date after which the event no longer repeats, or using the [`recurrenceEndWithOccurrenceCount:`](#) (page 7) method specifying the number of times it should repeat.

Tasks

Creating

+ [`recurrenceEndWithEndDate:`](#) (page 7)

Creates and returns a newly allocated `CalRecurrenceEnd` object with the specified end date.

+ [`recurrenceEndWithOccurrenceCount:`](#) (page 7)

Creates and returns a newly allocated `CalRecurrenceEnd` object with the specified recurrence count.

Getting Properties

[`usesEndDate`](#) (page 6) *property*

YES if the recurrence uses an end date; NO if it uses a occurrence count.

[`endDate`](#) (page 6) *property*

The end date if the recurrence uses an end date value; `nil` if it uses an occurrence count.

[occurrenceCount](#) (page 6) *property*

The occurrence count—number of times an event repeats—if the recurrence uses a number value; 0 if it uses an end date.

Properties

For more about Objective-C properties, see “Properties” in *The Objective-C 2.0 Programming Language*.

endDate

The end date if the recurrence uses an end date value; `nil` if it uses an occurrence count.

```
@property(readonly) NSDate *endDate;
```

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalRecurrenceRule.h

occurrenceCount

The occurrence count—number of times an event repeats—if the recurrence uses a number value; 0 if it uses an end date.

```
@property(readonly) NSUInteger occurrenceCount;
```

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalRecurrenceRule.h

usesEndDate

YES if the recurrence uses an end date; NO if it uses a occurrence count.

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

Availability

Available in Mac OS X v10.5 and later.

Declared In

CalRecurrenceRule.h

Class Methods

recurrenceEndWithEndDate:

Creates and returns a newly allocated `CalRecurrenceEnd` object with the specified end date.

```
+ (id)recurrenceEndWithEndDate:(NSDate *)endDate
```

Parameters

endDate

The date a recurring event should end. Raises an exception if you pass `nil`.

Return Value

A newly allocated `CalRecurrenceEnd` object.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`CalRecurrenceRule.h`

recurrenceEndWithOccurrenceCount:

Creates and returns a newly allocated `CalRecurrenceEnd` object with the specified recurrence count.

```
+ (id)recurrenceEndWithOccurrenceCount:(NSUInteger)occurrenceCount
```

Parameters

occurrenceCount

The number of times a recurring event should repeat. Raises an exception if you pass 0 or a negative number.

Return Value

A newly allocated `CalRecurrenceEnd` object.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`CalRecurrenceRule.h`

Document Revision History

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

Date	Notes
2007-07-08	New document that describes a class used to define how long a recurrence is scheduled to repeat.

REVISION HISTORY

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