

[EventKit](#) / [EKStructuredLocation](#)

Class

EKStructuredLocation

A class that specifies a geofence to activate the alarm of a calendar item.

iOS 6.0+ | iPadOS 6.0+ | Mac Catalyst 13.1+ | macOS 10.8+ | visionOS 1.0+ | watchOS 2.0+

```
class EKStructuredLocation
```

Overview

Use `init(title:)` to create a new structured location, then set it to the [structured Location](#) property of an [EKAlarm](#) object.

Topics

Creating Structured Locations

```
convenience init(title: String)
```

Creates a new structured location with the specified title.

```
convenience init(mapItem: MKMapItem)
```

Creates a new structured location with the specified map item.

Accessing Structured Location Properties

```
var title: String?
```

The title of the location.

```
var geoLocation: CLLocation?
```

The core location.

```
var radius: Double
```

A minimum distance from the core location that would trigger the alarm or reminder.

Relationships

Inherits From

EKObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSCopying

NSObjectProtocol

See Also

Alarms

 Setting an alarm

Alert users of events and reminders with an alarm.

```
class EKAlarm
```

A class that represents an alarm.