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## 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 `structuredLocation` 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.

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## Relationships

### Inherits From

`EKObject`

### Conforms To

`CVarArg`

`CustomDebugStringConvertible`

`CustomStringConvertible`

`Equatable`

`Hashable`

`NSCopying`

`NSObjectProtocol`

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## See Also

### Alarms



Setting an alarm

Alert users of events and reminders with an alarm.

```
class EKAlarm
```

A class that represents an alarm.