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Structure

UserAnnotation

Displays the person's current location on the map.

MapKit | SwiftUI | iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst | macOS 14.0+ | tvOS 17.0+ | visionOS | watchOS 10.0+

```
@MainActor @preconcurrency
struct UserAnnotation<Content> where Content : View
```

Overview

Displays the person's current location using the system styled user location indicator.

Topics

Creating a user annotation

`init()`

Creates an annotation that displays the person's current location.

`init(anchor: UnitPoint)`

Creates an annotation that displays the person's current location using the system styled user location indicator with the specified anchor point.

`init(anchor: UnitPoint, content: (UserLocation) -> Content)`

Creates an annotation that displays a person's current location using the system styled user location indicator with the specified anchor point using a custom view.

```
init(anchor: UnitPoint, content: () -> Content)
```

Create an annotation that displays the person's current location of the user using a custom view.

Information about a person's location

```
struct UserLocation
```

A structure that contains Information about the person's current location.

Relationships

Conforms To

MapContent, Sendable, SendableMetatype

See Also

Annotations and overlays

```
struct Annotation
```

A customizable annotation used to indicate a location on a map.

```
struct MapCircle
```

A circular overlay with a configurable radius that you center on a geographic coordinate.

```
struct MapPolygon
```

A closed polygon overlay.

```
struct MapPolyline
```

An open polygon overlay consisting of one or more connected line segments.

```
struct Marker
```

A balloon-shaped annotation that marks a map location.