Structure

MapCameraBounds

Defines an optional boundary of an area within which the map's center needs to remain.

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

```
struct MapCameraBounds
```

Overview

Using the `MapCameraBounds` initializers you can also define an optional camera zoom range that limits the distances that a person can zoom the map camera to.

Topics

Creating a map camera bounds

`init(centerCoordinateBounds: MKCoordinateRegion, minimumDistance: Double?, maximumDistance: Double?)`

　　Creates a camera bounds with the specified region boundary and zoom ranges.

`init(centerCoordinateBounds: MKMapRect, minimumDistance: Double?, maximumDistance: Double?)`

　　Creates a camera bounds with the specified map rectangle boundary and zoom ranges.

`init(minimumDistance: Double?, maximumDistance: Double?)`

Creates a camera bounds with the zoom ranges you specify.

See Also

Map customization

`struct MapCamera`

Defines a virtual viewpoint above the map surface.

`struct MapCameraPosition`

A structure that describes how to position the map's camera within the map.

`struct MapCameraUpdateContext`

A structure that defines additional information about the map camera.

`struct MapCameraUpdateFrequency`

A structure that describes when the map camera updates.