

[MapKit](#) / [MapCameraUpdateContext](#)

Structure

MapCameraUpdateContext

A structure that defines additional information about the map camera.

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

```
struct MapCameraUpdateContext
```

Topics

Accessing information about the camera

let camera: MapCamera

The current map camera.

let rect: MKMapRect

A map rectangle that approximates the view of the map's camera.

let region: MKCoordinateRegion

A map region that approximates the view of the map's camera.

See Also

[Map customization](#)

```
struct MapCamera
```

Defines a virtual viewpoint above the map surface.

```
struct MapCameraBounds
```

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

```
struct MapCameraPosition
```

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

```
struct MapCameraUpdateFrequency
```

A structure that describes when the map camera updates.