

[MapKit](#) / [MapCameraUpdateFrequency](#)

Structure

MapCameraUpdateFrequency

A structure that describes when the map camera updates.

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

```
struct MapCameraUpdateFrequency
```

Topics

Timing of camera updates

```
static var continuous: MapCameraUpdateFrequency
```

A value that indicates that all camera updates are continuous, including while interactions are taking place.

```
static var onEnd: MapCameraUpdateFrequency
```

A value that indicates the camera updates when map interactions are complete.

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 MapCameraUpdateContext
```

A structure that defines additional information about the map camera.