

[MapKit](#) / MapPolygon

Structure

MapPolygon

A closed polygon overlay.

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

```
struct MapPolygon
```

Overview

Use this view to create map polygons instances in the closure you provide to the `content` parameter in the `Map` initializers.

Topics

Creating a map polygon

```
init(coordinates: [CLLocationCoordinate2D])
```

Creates a polygon from a list of coordinates you provide.

```
init(points: [MKMapPoint])
```

Creates a polygon from a list of map points.

```
init(MKPolygon)
```

Creates a polygon from the polygon you provide.

Relationships

Conforms To

Copyable, MapContent

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 MapPolyline`

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

`struct Marker`

A balloon-shaped annotation that marks a map location.

`struct UserAnnotation`

Displays the person's current location on the map.