

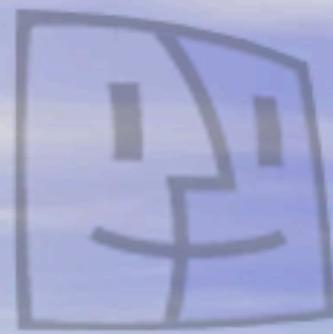


**MacinTech** Users'  
Group

[www.macintech.org](http://www.macintech.org)

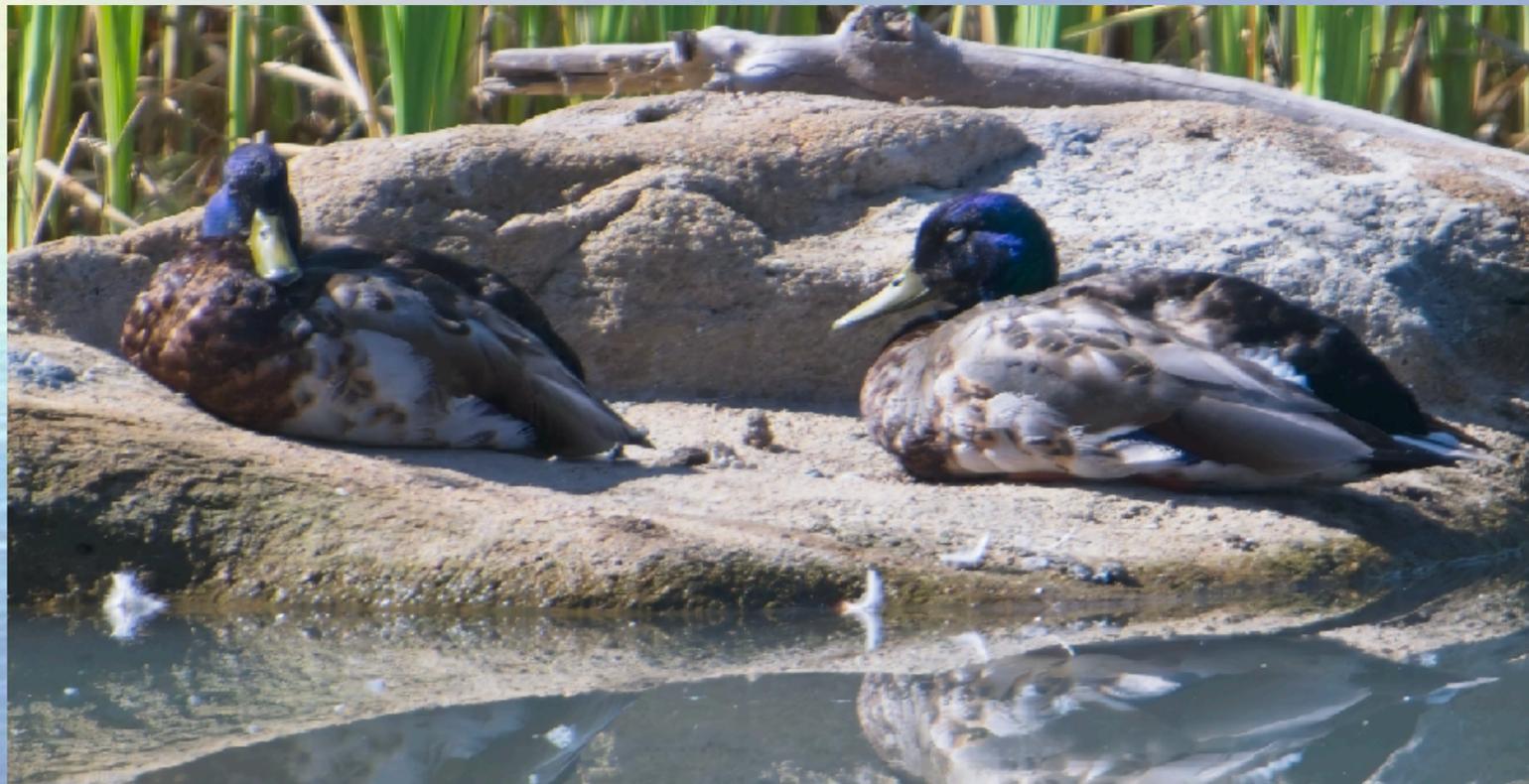
# MacinTech Monthly General Meeting

Hosted By  
MacinTech Officers



# MacinTech

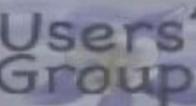
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Format > Replace Layer > Add to Playground as Sketch  
Pixelmator Pro



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# News

- FI grossed over 290M in the first ten days.
- A third beta for the OS26s were released on Monday, 7th July
  - An issue with the macOS version
- The Wallet app has digital key for some cars - why?
- Earnings call on July 31st
- Foxconn has reduced the number of Chinese workers from Indian factory
- AT&T adds wireless account lock
- Today watched a video on Vibe Coding: Xcode 26 & ChatGPT: Very interesting

### Using the SwiftUI image as a template create the Content view for Location to Mao application



Thanks for providing the sketch! The UI shows a vertical layout with:

- A large title: "Where am I"
- A rounded rectangle showing the address (input/display)
- A larger rounded rectangle below labeled "MapView" and "Show if address"

I'll update ContentView.swift to reflect this UI:

- Use a VStack with a title, rounded text field for address, and a rectangle for the map view area (with a label).
- The map view will be a placeholder for now, as you haven't specified if you're using MapKit or another framework.
- The whole card will have some padding and background for visual clarity.

Let's implement this next!

#### ContentView.swift

```
@State private var address: String = ""

var body: some View {
    VStack(alignment: .center, spacing: 24) {
        Text("Where am I")
            .font(.largeTitle)
            .fontWeight(.bold)
            .padding(.top, 30)

        // Address input/display
```

I've updated ContentView.swift to match your

1 Change in 1 File

Message ChatGPT

```
1 //
2 // ContentView.swift
3 // MapTest
4 //
5 // Created by dbourne on 7/8/25.
6 //
7
8 import SwiftUI
9
10 struct ContentView: View {
11     @State private var address: String = ""
12
13     var body: some View {
14         VStack(alignment: .center, spacing: 24) {
15             Text("Where am I")
16                 .font(.largeTitle)
17                 .fontWeight(.bold)
18                 .padding(.top, 30)
19
20             // Address input/display
21             TextField("address", text: $address)
22                 .padding()
23                 .background(RoundedRectangle(cornerRadius:
24                     12).stroke(Color.gray.opacity(0.5), lineWidth:
25                     2))
26                 .padding(.horizontal, 20)
27
28             // MapView placeholder
29             VStack(alignment: .center, spacing: 16) {
30                 Text("MapView")
31                     .font(.headline)
32                     .padding(.top, 16)
33                 Text("Show if address")
34                     .font(.subheadline)
35                     .foregroundColor(.secondary)
36                 Spacer()
37             }
38             .frame(height: 220)
39             .frame(maxWidth: .infinity)
40             .background(RoundedRectangle(cornerRadius:
41                 16).stroke(Color.blue.opacity(0.5), lineWidth: 2))
42             .padding(.horizontal, 20)
43
44             Spacer()
45         }
46     }
47 }
```

ContentView

Xcode Previews

Where am I

address

MapView

Show if address

Create `ContentView` using `Image` template for locatio...

### Convert address input, convert that address to a location and display the location in the mapview

Here's how I'll update your ContentView.swift to achieve your goals:

1. Add geocoding to convert the address to coordinates using CLGeocoder.
2. Display a map using SwiftUI's built-in Map with the found location, or a placeholder if not found.
3. Show the address and optionally a marker on the map.

- This will require:
- Importing MapKit and CoreLocation.
  - Adding a map region and annotation state.
  - Adding logic to geocode whenever the address changes or a button is tapped.

Let's implement this now.

#### ContentView.swift

```
import MapKit
import CoreLocation

struct ContentView: View {
    @State private var address: String = ""
    @State private var coordinate: CLLocationCoordinate2D?
    @State private var region: MKCoordinateRegion?
    @State private var isGeocoding: Bool = false
    @State private var errorMessage: String? = ""
```

- Your ContentView.swift now supports:
- Entering an address and tapping "Show on Map"
  - Geocoding the address to a coordinate

1 Change in 1 File

Message ChatGPT

```
12 struct ContentView: View {
19     var body: some View {
32         Button(action: geocodeAddress) {
33             Text("Show on Map")
34                 .frame(maxWidth: .infinity)
35                 .padding()
36                 .background(Color.blue.opacity(0.8))
37                 .foregroundColor(.white)
38                 .cornerRadius(10)
39         }
40     .padding(.horizontal, 40)
41     .disabled(address.trimmingCharacters(in:
42         .whitespacesAndNewlines).isEmpty || isGeocoding)
43     ZStack {
44         if let coord = coordinate {
45             Map(coordinateRegion: $region, annotationItems: [coord])
46             { location in
47                 MapMarker(coordinate: location)
48             }
49         }
50         .stroke(Color.blue.opacity(0.5), lineWidth: 2)
51         .overlay(
52             Text("Enter address and tap Show on Map")
53                 .foregroundColor(.secondary)
54         )
55     }
56     if isGeocoding {
57         ProgressView()
58     }
59 }
60 }
61 .frame(height: 220)
62 .padding(.horizontal, 20)
63
64 if let error = errorMessage {
65     Text(error)
```

⚠️ 'MapMarker' was deprecated in macOS 14.0: Use Marker along with Map initializers that take a MapContentBuilder instead.

➡️ Generate Fix for Issue Generate

ContentView

Can... ↻

Xcode Previews

address

▶ 🔍 🔧

Line: 23 Col: 35

Modifying state during view update, this will cause undefined behavior.

Message from debugger: killed

Executable Canvas 🔍 🔧

### Fix "'init(coordi..."

You are seeing the warning because the MapKit Map view initializer that takes coordinateRegion and annotationItems is now deprecated in macOS 14.0 and newer. The recommended approach is to use the new Map initializer with a MapContentBuilder.

**What will change:**  
I'll update the section where you use:

#### Code Snippet

```
Map(coordinateRegion: $region, annotationItems:
  MapMarker(coordinate: item)
}
```

to use the new Map API with a builder-style content, which is forward-compatible with Apple's newer APIs.

Let me make these changes now.

#### ContentView.swift

```
Map(initialPosition: .region(region)) {
  Marker("Location", coordinate: coord)
}
.mapControls {
  MapUserLocationButton()
}
.clipShape(RoundedRectangle(cornerRadius: 16))
.onAppear {
  // Keep the map region in sync
  region.center = coord
}
```

I've updated your Map usage in ContentView.swift to use the new MapKit API with a MapContentBuilder, as recommended for macOS 14 and newer. This resolves the

1 Change in 1 File

Message ChatGPT



```
12 struct ContentView: View {
19   var body: some View {
32     Button(action: geocodeAddress) {
33       Text("Show on Map")
34         .frame(maxWidth: .infinity)
35         .padding()
36         .backgroundColor(Color.blue.opacity(0.8))
37         .foregroundColor(.white)
38         .cornerRadius(10)
39     }
40     .padding(.horizontal, 40)
41     .disabled(address.trimmingCharacters(in:
42       .whitespacesAndNewlines).isEmpty || isGeocoding)
43   }
44   ZStack {
45     if let coord = coordinate {
46       Map(initialPosition: .region(region)) {
47         Marker("Location", coordinate: coord)
48       }
49       .mapControls {
50         MapUserLocationButton()
51       }
52       .clipShape(RoundedRectangle(cornerRadius: 16))
53       .onAppear {
54         // Keep the map region in sync
55         region.center = coord
56       }
57     } else {
58       RoundedRectangle(cornerRadius: 16)
59         .stroke(Color.blue.opacity(0.5), lineWidth: 2)
60         .overlay(
61           Text("Enter address and tap Show on Map")
62             .foregroundColor(.secondary)
63         )
64     }
65     if isGeocoding {
66       ProgressView()
67     }
68   }
69 }
```



Xcode Previews interface showing a search bar with 'address' and a preview area with a rounded rectangle outline.

Line: 23 Col: 35

Modifying state during view update, this will cause undefined behavior.

Message from debugger: killed

Executable Canvas Filter

## Where am I

12850 E Montview Blvd, Aurora CO 80045

Show on Map



# Rumors

- Apple Products for 2025: iPhone 17 series, Apple Watches, M5 iPad Pro, Vision Pro, iMac, Mac mini, MacBook Pro, Apple TV 4K, HomePod mini (2nd gen) and AirTag (2nd gen)
- Maybe: AirPods Pro 3, Studio Display 2 and Apple Home Hub
- Also mentioned: Mac Studio and Mac Pro
- iPhone 17 to have a redesigned dynamic island
- Low-cost MacBook with iPhone chip
- Apple pauses work on foldable iPad but still working on the iPhone
- Mac shipments increased 28% YoY/ Market share 14.2 to 16%
- Apple could use ChatGPT or Claude for Siri
- Apple planning automatic upgrade of HomeKit architecture

# MacinTech Newsletter (July 25)

- Four new MacMost videos
- iOS Mail problems
- USB-C cables
- Siri AI delay
- WWDC features
- Q-Day Quantum computing
- Final Cut updates
- UK proceedings made public
- EFF Cover you tracks
- Finder alternatives
- Reduce Photos stored on Phone and iCloud
- Tour ChatGPT
- Browser games
- Keyboard shortcuts

# 🔍 Spotlight Search



## Browse More Locations

⌘ 1 for Applications

⌘ 2 for Files

⌘ 3 for Actions

⌘ 4 for Clipboard



## Run Actions and Shortcuts

Use app actions and shortcuts directly from Spotlight.



## Filter and Find Recent Searches

/ to filter your search

↑ for search history

To improve suggestions, Spotlight sends your search requests and approximate location to Apple. You can change this at any time in [System Settings](#).

Continue

# Member News

- Visit the
  - MacinTech website <https://macintech.org/>
  - With links to meeting presentations and slides

# Upcoming Meetings

- July General Meeting
  - Topic: Building a Modern Backup Strategy
  - Speaker: Adam Engst
- July SIG Meeting
  - Topic: Shortcuts
  - Speaker: David Bourne
- August ???



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# General Meeting

8th July 2025

**Topic: Building a Modern Backup Strategy**  
**Speaker: Adam Engst**

## Links:

macOS 26 betas 3: <https://www.macrumors.com/roundup/macos-26/>

Vibe coding: <https://www.swiftwithvincent.com/blog/vibe-coding-in-xcode-26-is-it-good>

Five new AI features of Xcode 26: <https://www.swiftwithvincent.com/blog/discover-5-new-ai-features-of-xcode-26>