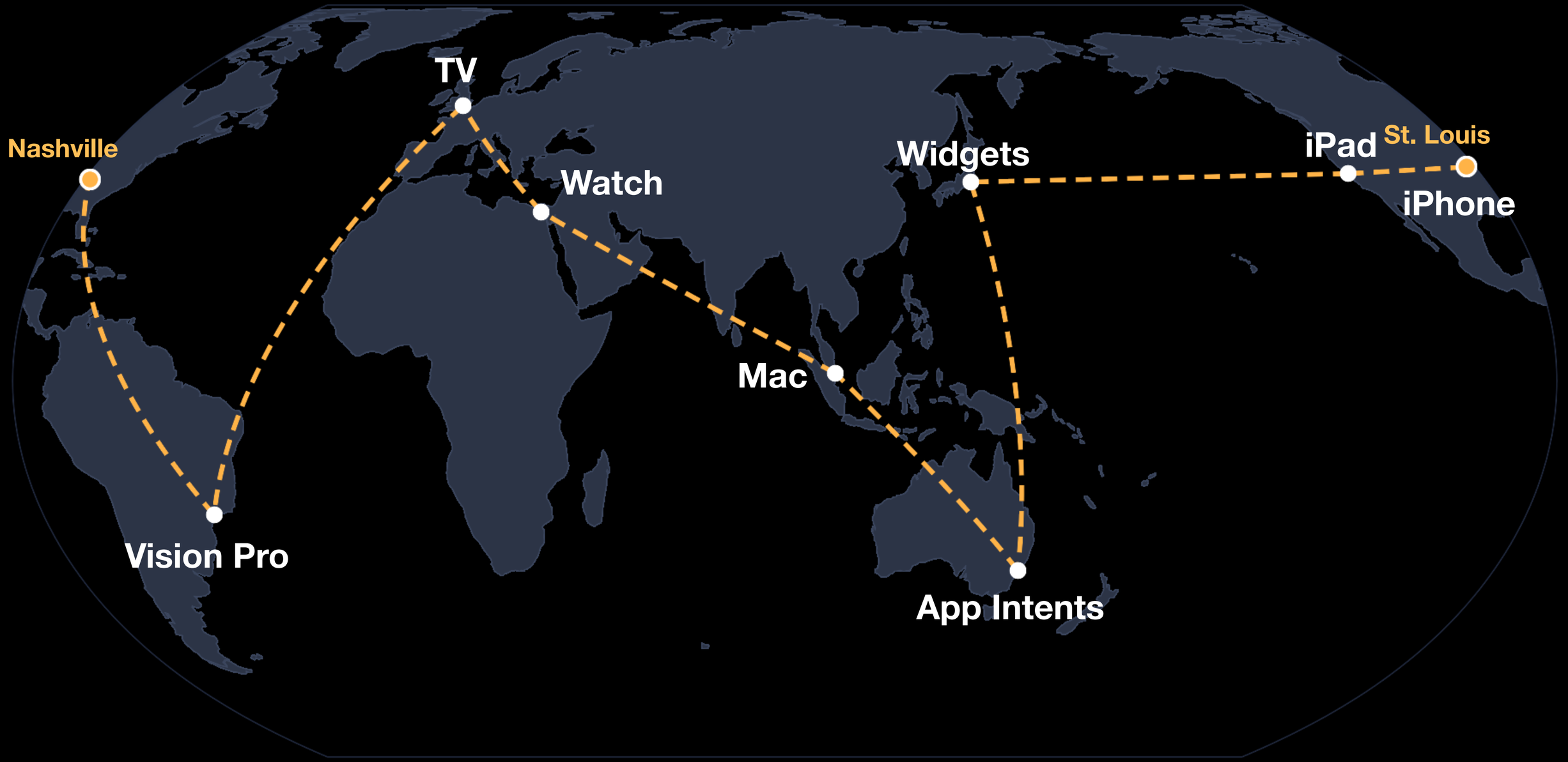
# Go Wide: Apps on Tour

## Swiftsonic 2026

John Haney, Apps From Outer Space


Nashville
TV
Watch
Widgets
iPad
St. Louis
iPhone
Mac
Vision Pro
App Intents

# We're taking your app on tour



# We're taking your app on tour



# Rehearsal

before the tour · what code goes where

- Core in a package with no UI imports: zero #if os
- Prefer canImport over #if os
- Separate views with a lot of differences to their own specific files

# One state, many ways to draw it

Rehearsal · code tips

```
// GameLogic/TableCoordinator/TableCoordinator.swift
final class TableCoordinator: ObservableObject {
    private(set) var tableState: TableState
    func leaveSeat()  { … }
    func sitDown()    { … }
    func dealNextHand() { … }
}
```

```
// Model/TableState/TableState.swift
struct TableState: Codable, Equatable, Hashable, Sendable {
    private(set) var seats: [SeatIndex]
    private(set) var piles: [PileID: Pile]
    private(set) var phases: [GamePhase]
    mutating func autoUpdate() { … }
}
```

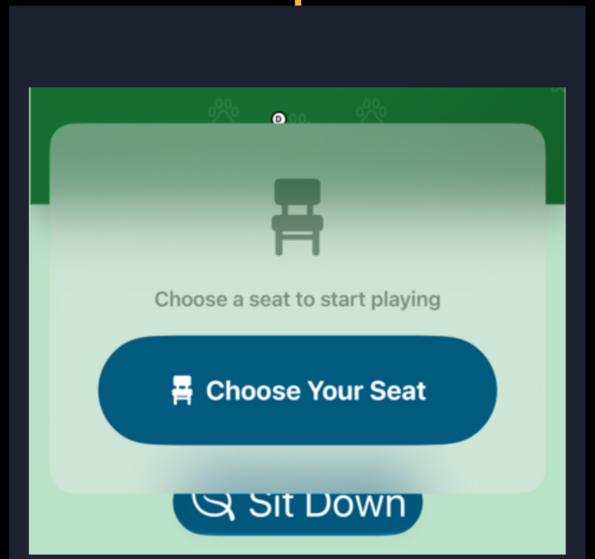
one TableCoordinator · one TableState



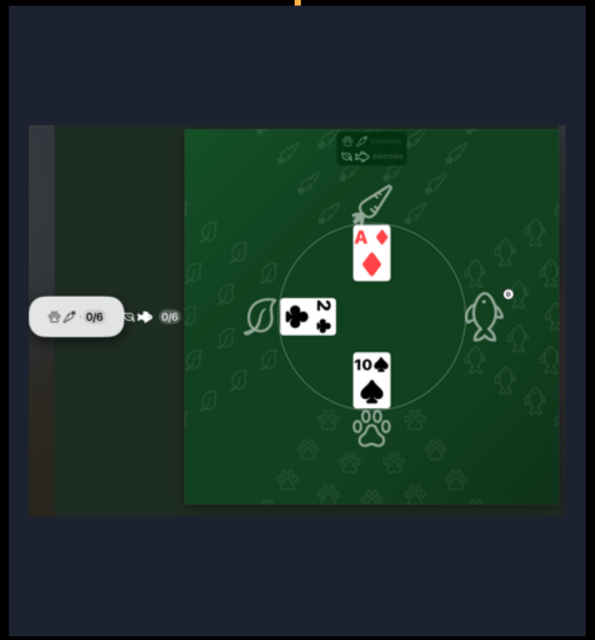
TableView




HandView

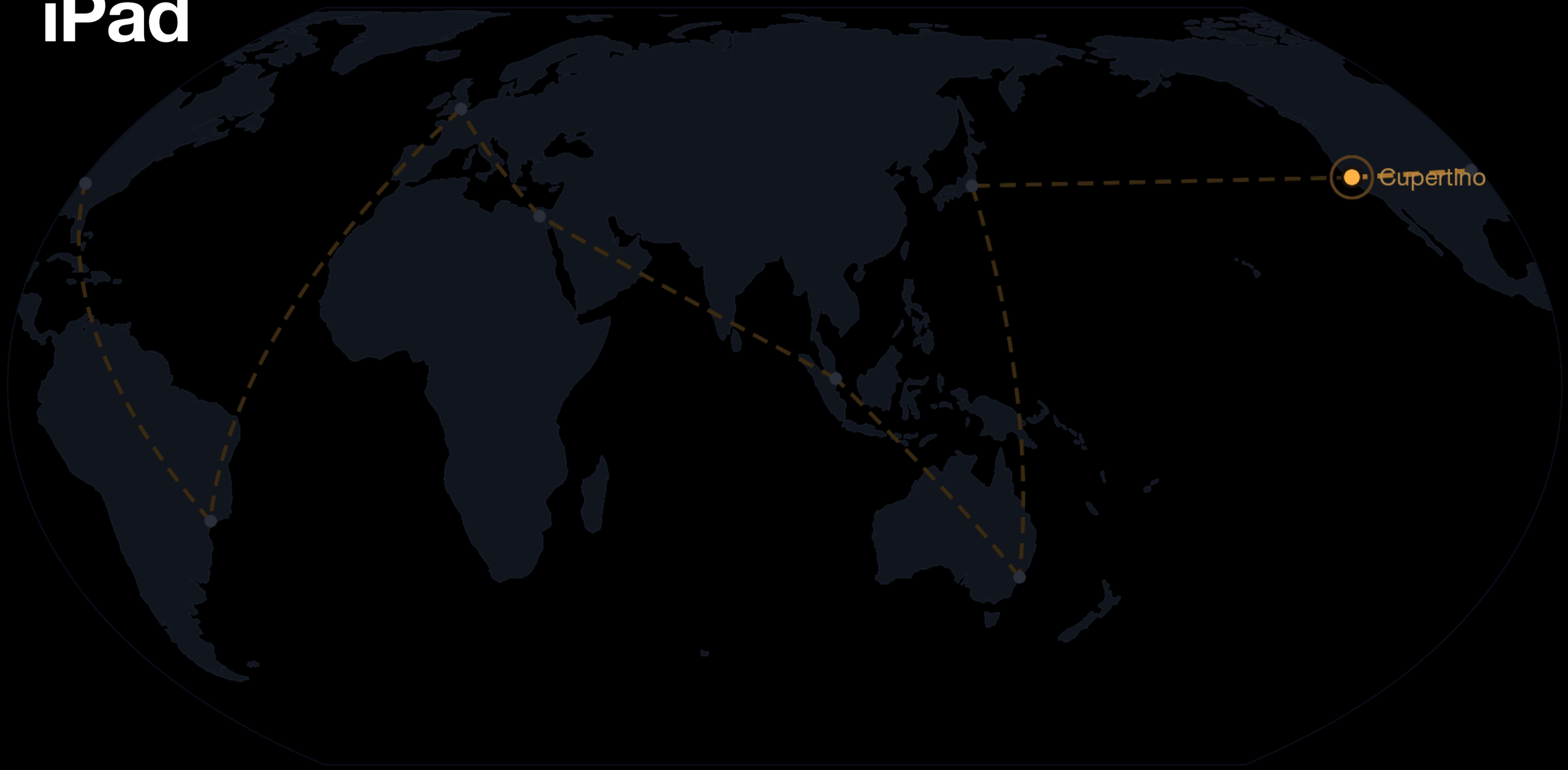



PassAndPlayOverlay



Apple TV

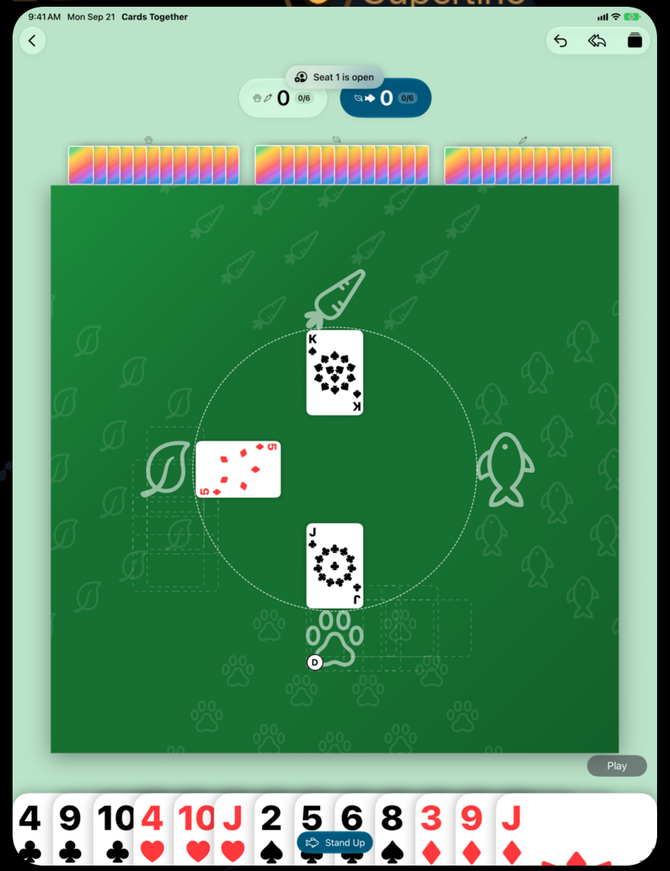
# iPad



# iPad

from Deal Me In

- A keyboard supercharges your app? Support menu commands too
- 27's windowing: your layout has to be truly dynamic
  - Get that right, and you are closer to iPhone Duo too
- Multiple windows: the right way to fully support iPad

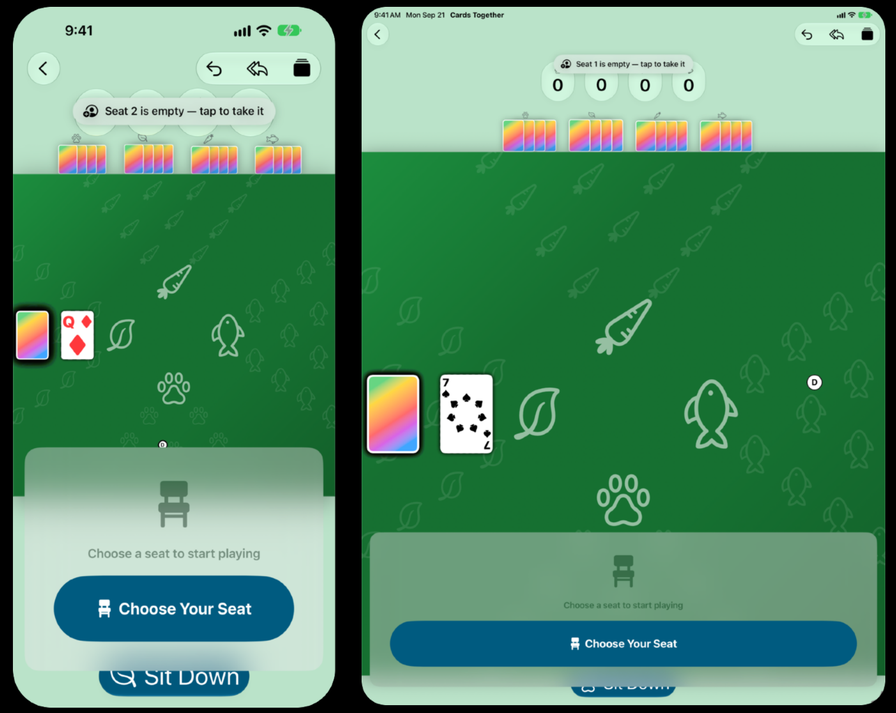


# iPhone Duo

from Deal Me In

For apps like: YOURS

- Switch on the space you have, never on the device
- ArrangementView for two panes; keep content off the fold
- The hinge is for interactions, not layout
- No feature lives in only one pose



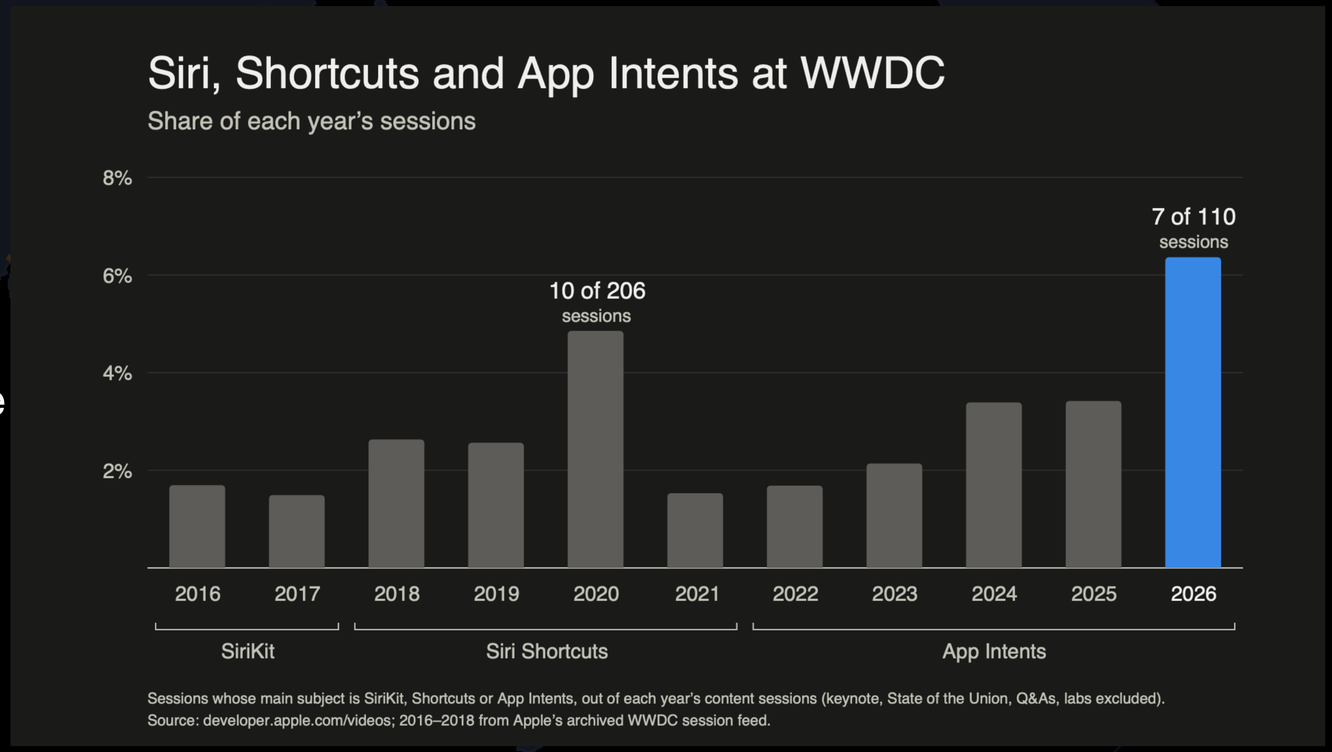
# Widgets & App Intents



# Widgets & App Intents

from Friends Everywhere

- App Intents and an AppEntity: Siri and Shortcuts can see you
- App Shortcuts that work while your app isn't running
- A widget fed by a snapshot file, not your database
- IndexedEntity for Spotlight
- 27.3 App Skills



# A snapshot file, not your database

Widgets & App Intents · code tips

```
// Shared/Model/UpNextSnapshot.swift
struct UpNextSnapshot: Codable, Equatable {
    var contactIdentifier: String
    var dateKey: String
    var status: Status
    var name: String
    var thumbnailData: Data?

    static var defaultFileURL: URL {
        AppGroupStore.containerURL
            .appendingPathComponent("UpNextSnapshot.json")
    }
}
```

# Mac

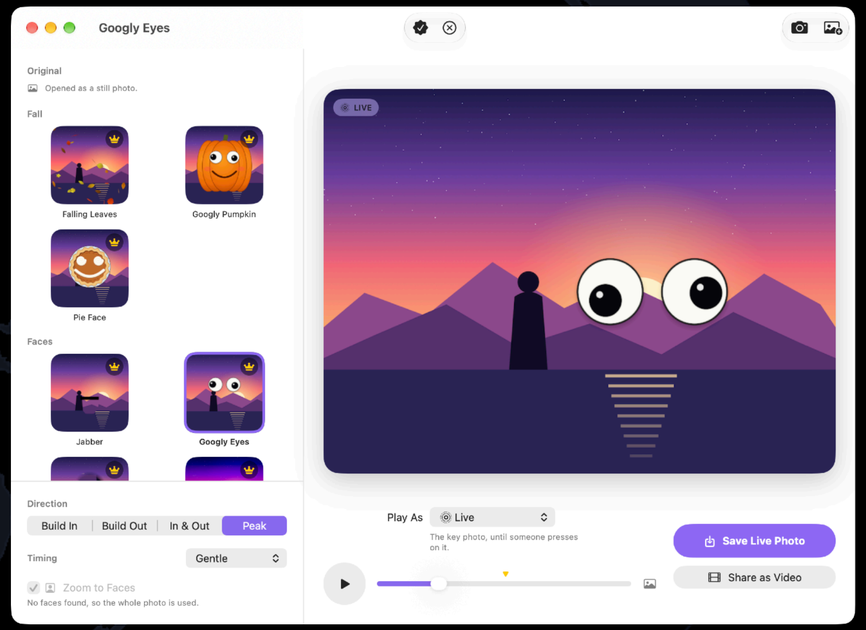


# Mac

from Surprise Photos

For apps like: editors, writing and notes, spreadsheets, design, dev tools

- Documents or a creative tool? Spread out on the desktop
- One model per window, with menus that find it
- Files are a front door: ⌘O and drop take the same path
- Drag out, too
- Shortcuts live in the menus



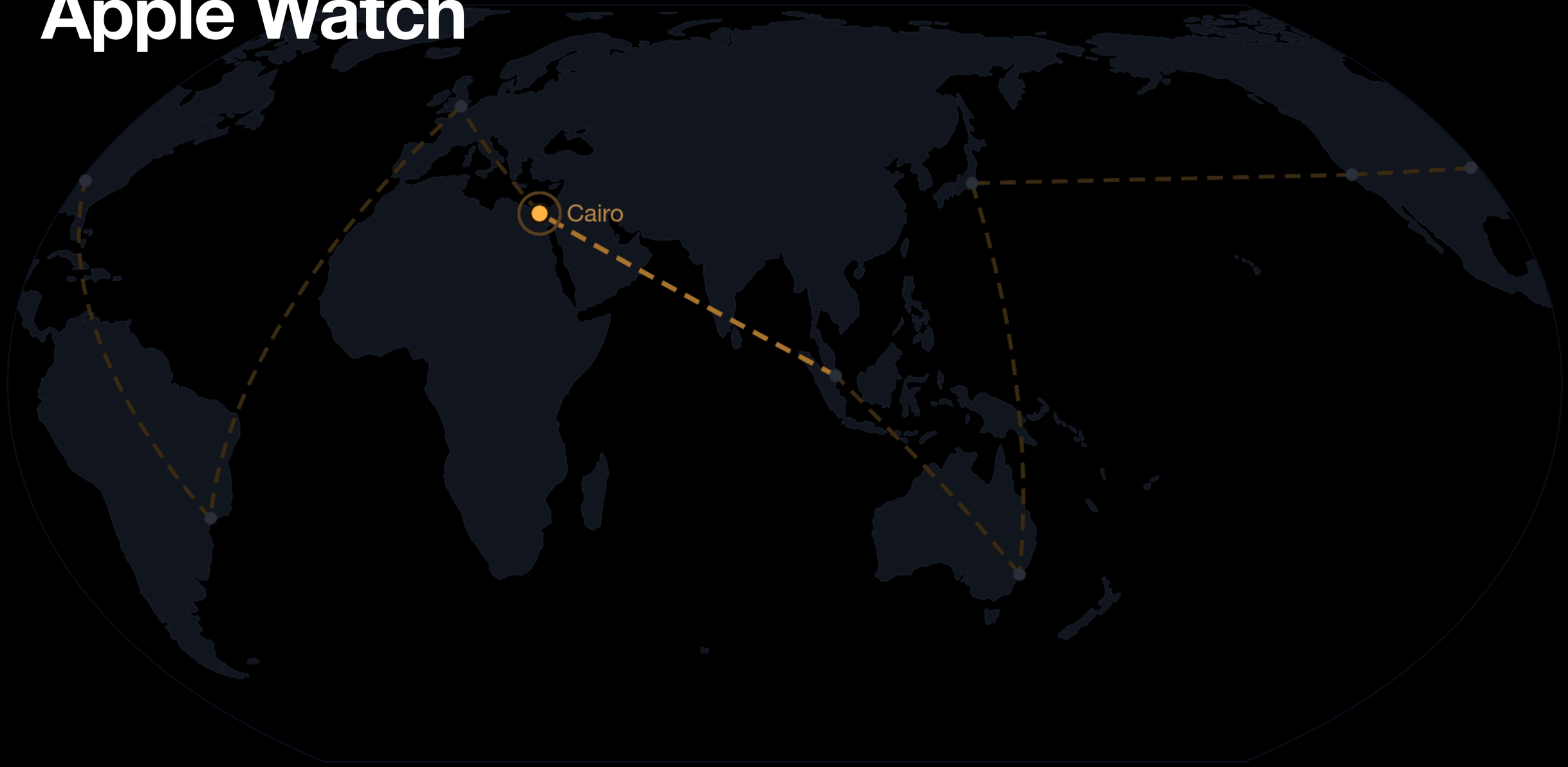
# One model per window, and menus that find it

Mac · code tips

```
// App/LivePhotoFakesApp.swift
private struct EditorWindow: View {
    @State private var editor = EditorModel()
    var body: some View {
        ContentView()
            .environment(editor)
            .focusedSceneValue(editor)
    }
}

private struct OpenPhotoCommand: View {
    @FocusedValue(EditorModel.self) private var editor
    var body: some View {
        Button("Open Photo…") { editor?.isImportingFile = true }
            .keyboardShortcut("o")
            .disabled(editor == nil)
    }
}
```

# Apple Watch

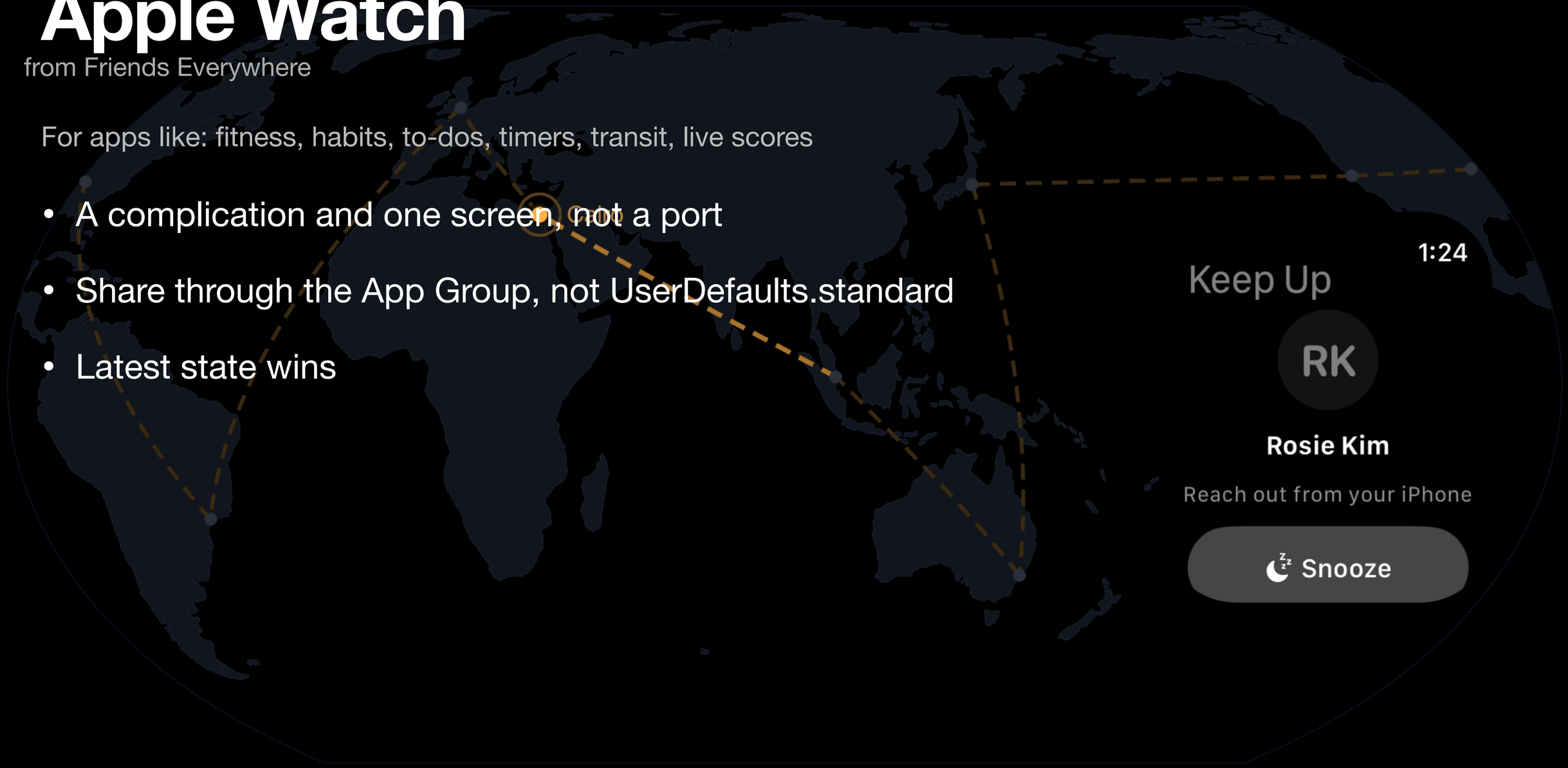


# Apple Watch

from Friends Everywhere

For apps like: fitness, habits, to-dos, timers, transit, live scores

- A complication and one screen, not a port
- Share through the App Group, not UserDefaults.standard
- Latest state wins



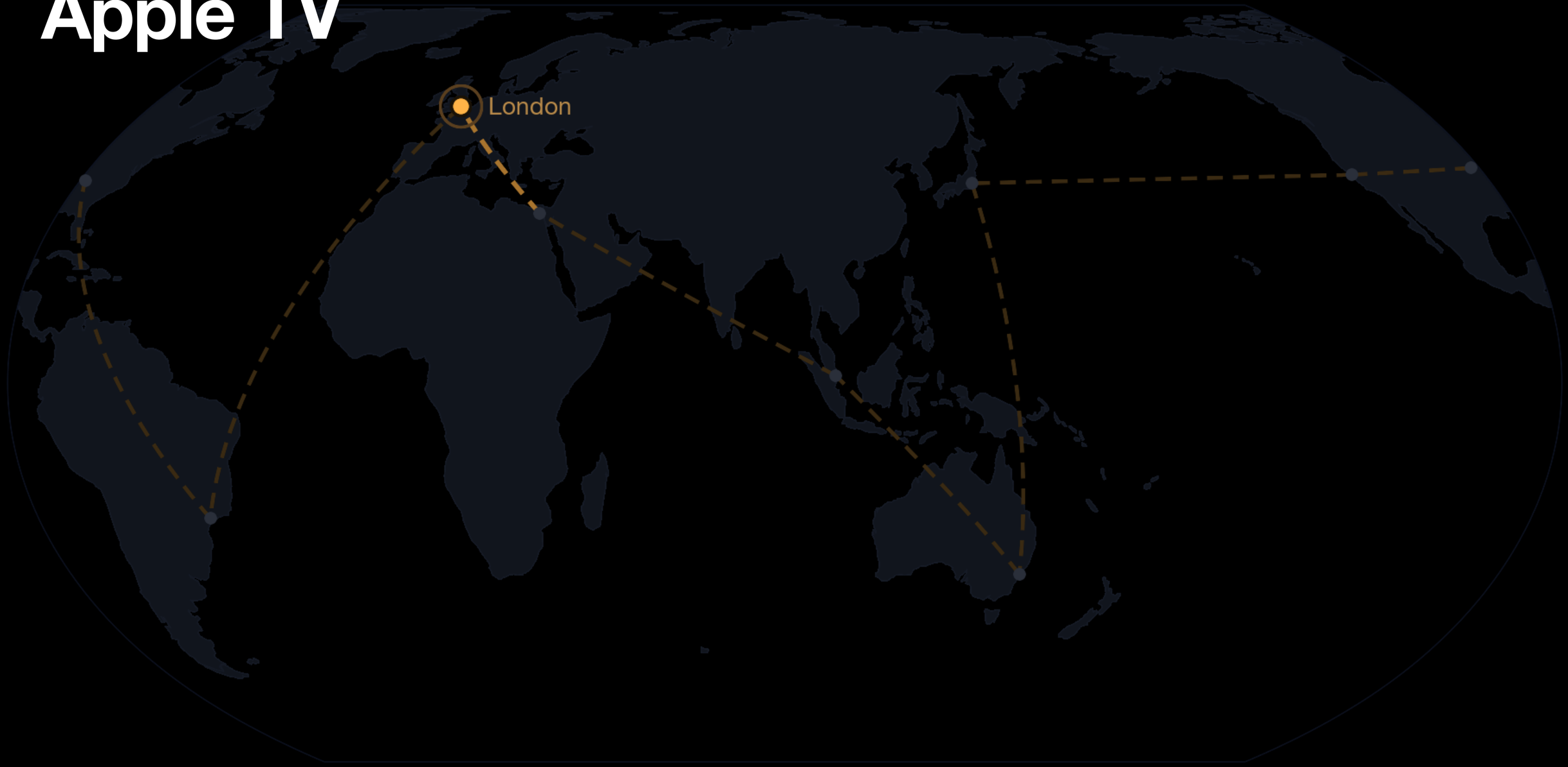
# Latest state wins

Apple Watch · code tips

```
// App/WatchLink.swift
WidgetRefresher.onReload = { [weak self] in
    self?.pushCurrentSnapshot()
}

func pushCurrentSnapshot() {
    let session = WCSession.default
    guard session.activationState == .activated,
          session.isPaired, session.isWatchAppInstalled else { return }
    try? session.updateApplicationContext(currentSnapshotPayload())
}
```

# Apple TV



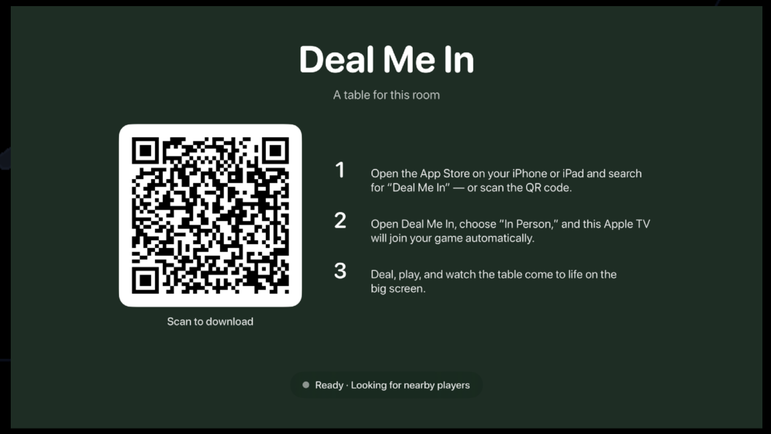
# Apple TV

from Deal Me In

London

For apps like: party games, workout video, recipes, slideshows, sports

- A screen many people watch at once: what does the room see together?
- Shared vs. private: the table on the TV, the hand on the phone
- Joining with no setup
- Focus is the design
- No WidgetKit: App Intents and Top Shelf are your ways in



# Focus is the whole design

Apple TV · code tips · borrowed from DiscOne

```
// Views/Platforms/TVTowerScreen.swift
@FocusState private var focus: TVFocusTarget?

HStack(spacing: 0) {
    TVFisheyeTower(albums: albums, focus: $focus, …)
        .focusSection()
    rightPane
        .focusSection()
}
.onAppear {
    Task { @MainActor in
        try? await Task.sleep(for: .milliseconds(120))
        guard focus == nil else { return }
        focus = .spine(0)
    }
}
```

I DON’T KNOW

# Vision Pro

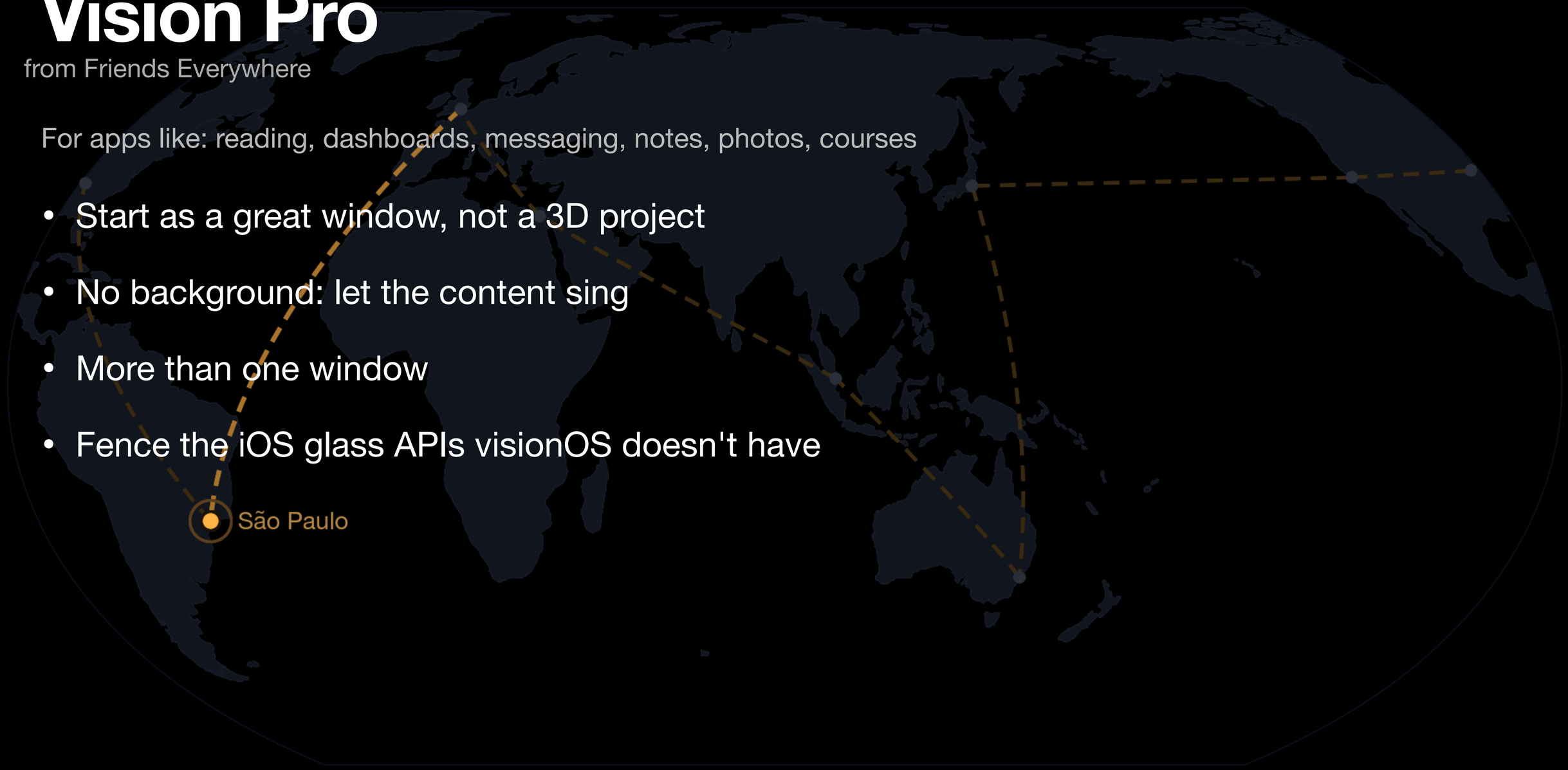


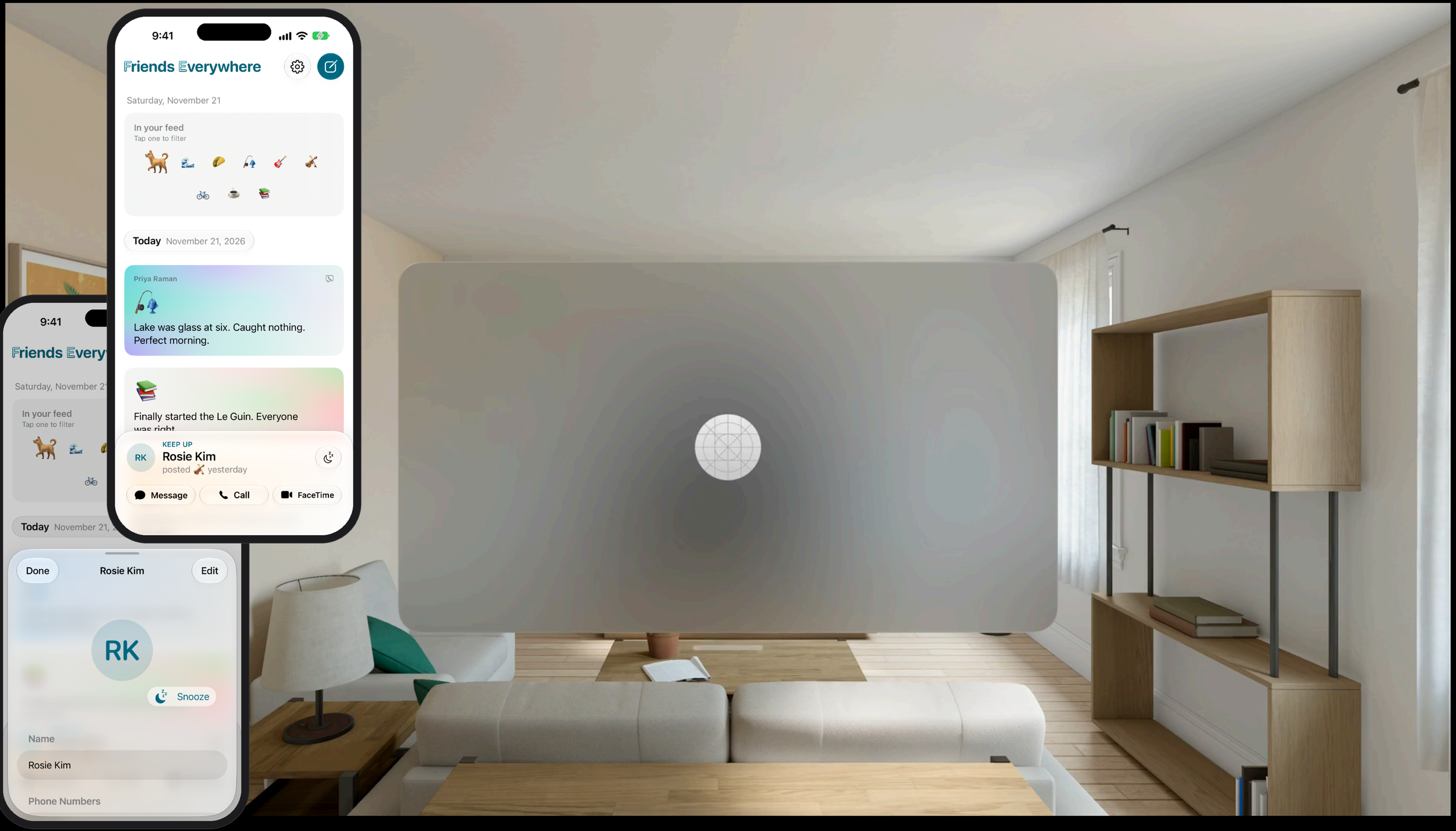
# Vision Pro

from Friends Everywhere

For apps like: reading, dashboards, messaging, notes, photos, courses

- Start as a great window, not a 3D project
- No background: let the content sing
- More than one window
- Fence the iOS glass APIs visionOS doesn't have




9:41
Friends Everywhere
Saturday, November 21
In your feed
Tap one to filter
Today November 21, 2026
Priya Raman
Lake was glass at six. Caught nothing. Perfect morning.
Finally started the Le Guin. Everyone
KEEP UP
RK
Rosie Kim
posted yesterday
Message
Call
FaceTime
9:41
Friends Every
Saturday, November 2
In your feed
Tap one to filter
Today November 21, 2
Done
Rosie Kim
Edit
RK
Snooze
Name
Rosie Kim
Phone Numbers

# More than one window

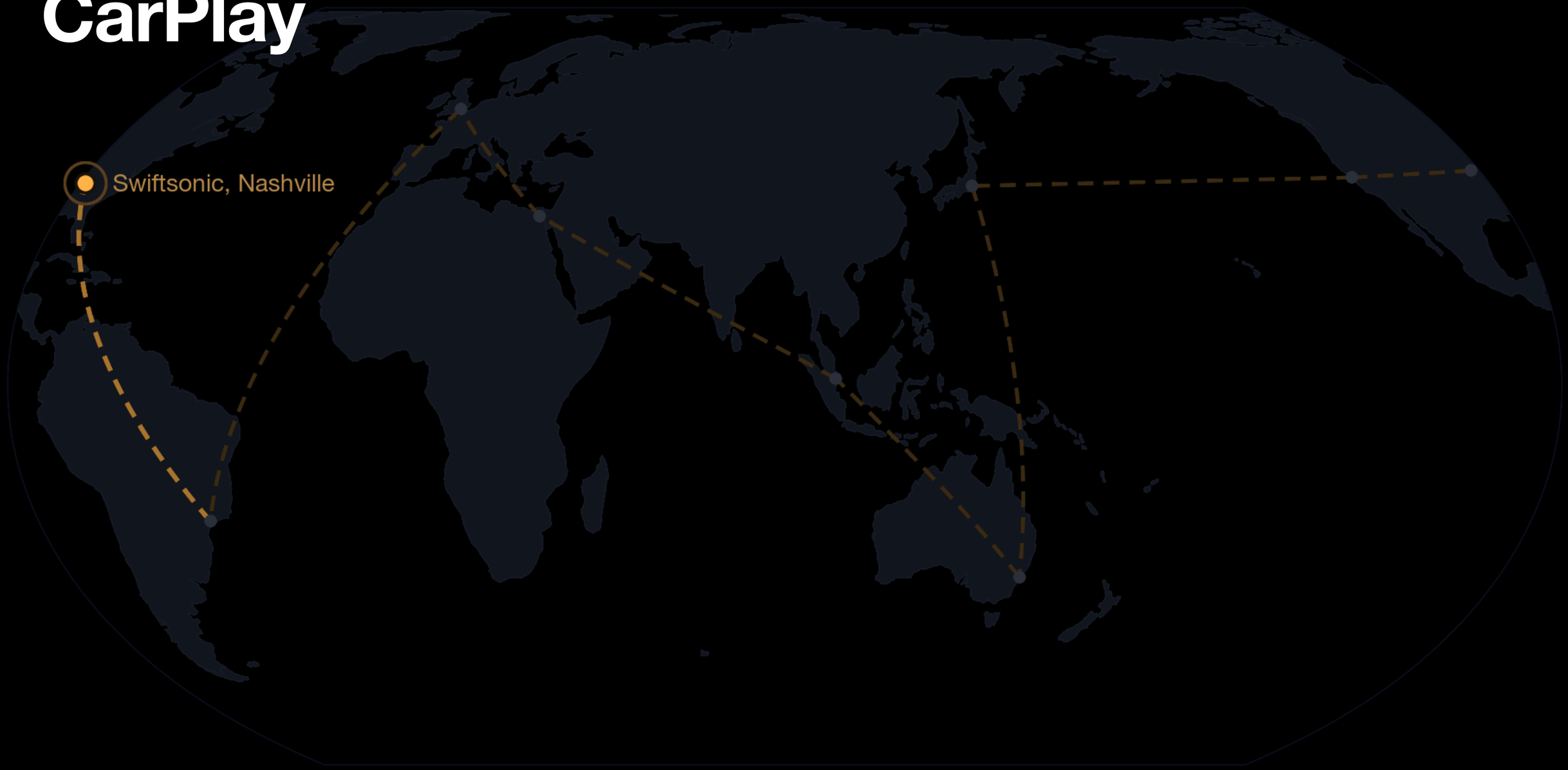
Vision Pro · code tips

```
// App/FriendsEverywhereApp.swift
#if !os(tvOS)
WindowGroup("Friend", id: FriendWindowID.sceneID,
            for: FriendWindowID.self) { $friend in
    if let friend { FriendWindowView(friend: friend) }
}
.handlesExternalEvents(matching: [])
#endif

// App/Views/HomeView.swift
openWindow(value: FriendWindowID(contactIdentifier: id))

// Gotcha: adopting iOS 26's glass on iPhone broke the Vision Pro build
#if os(visionOS)
.buttonStyle(.borderedProminent)
#else
.buttonStyle(.glassProminent)
#endif
```

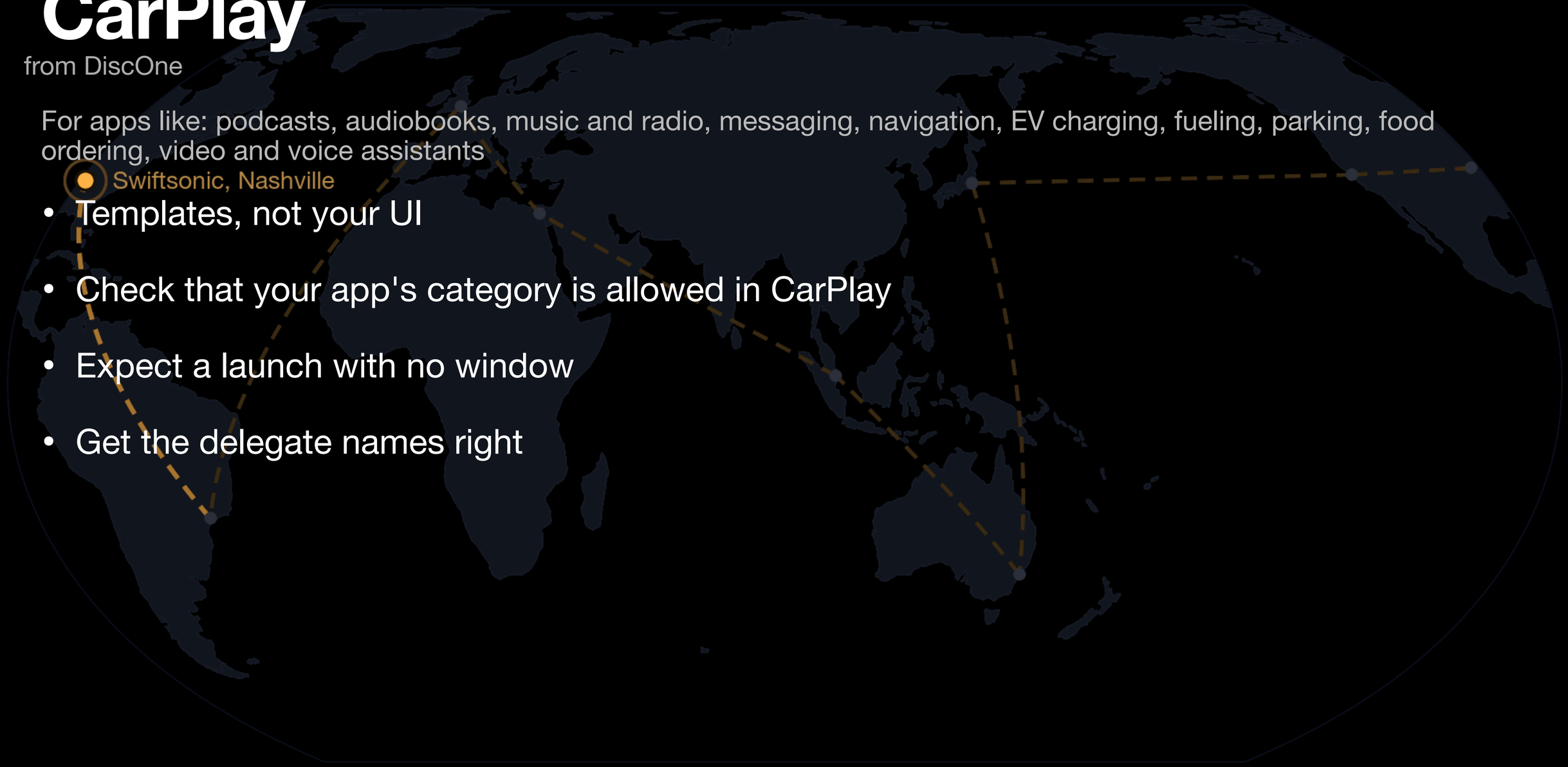
# CarPlay



# CarPlay

from DiscOne

For apps like: podcasts, audiobooks, music and radio, messaging, navigation, EV charging, fueling, parking, food ordering, video and voice assistants




- Templates, not your UI
- Check that your app's category is allowed in CarPlay
- Expect a launch with no window
- Get the delegate names right

# HomeView

from DiscOne

For apps like: podcasts, audiobooks, music, video

- Widgets
- Up to six people, not one user
- Your CarPlay audio or video app is already there

# I DON’T KNOW… YET

# We did it!



# APPS IN ALL THE RIGHT PLACES

## 2026 WORLD TOUR

| | |
|---|---|
| EVERY SHOW | App Intents · App Shortcuts · a widget fed by a snapshot |
| IPHONE & IPAD | One table, drawn differently · layout that grows with the space |
| IPHONE DUO | Switch on space, not device · the hinge as a trigger |
| APPLE WATCH | A complication and one screen · latest state wins |
| MAC | Documents and files · windows and menus · drag in and out |
| APPLE TV | Shared vs. private · focus is the design · joining with no setup |
| VISION PRO | More than one window · no background · 3D only if it's 3D |
| CARPLAY | Templates, not your UI · launching with no window |
| HOMEVIEW | Up to six people · your CarPlay app is already there |


St. Louis
Nashville