360|iDev 2021

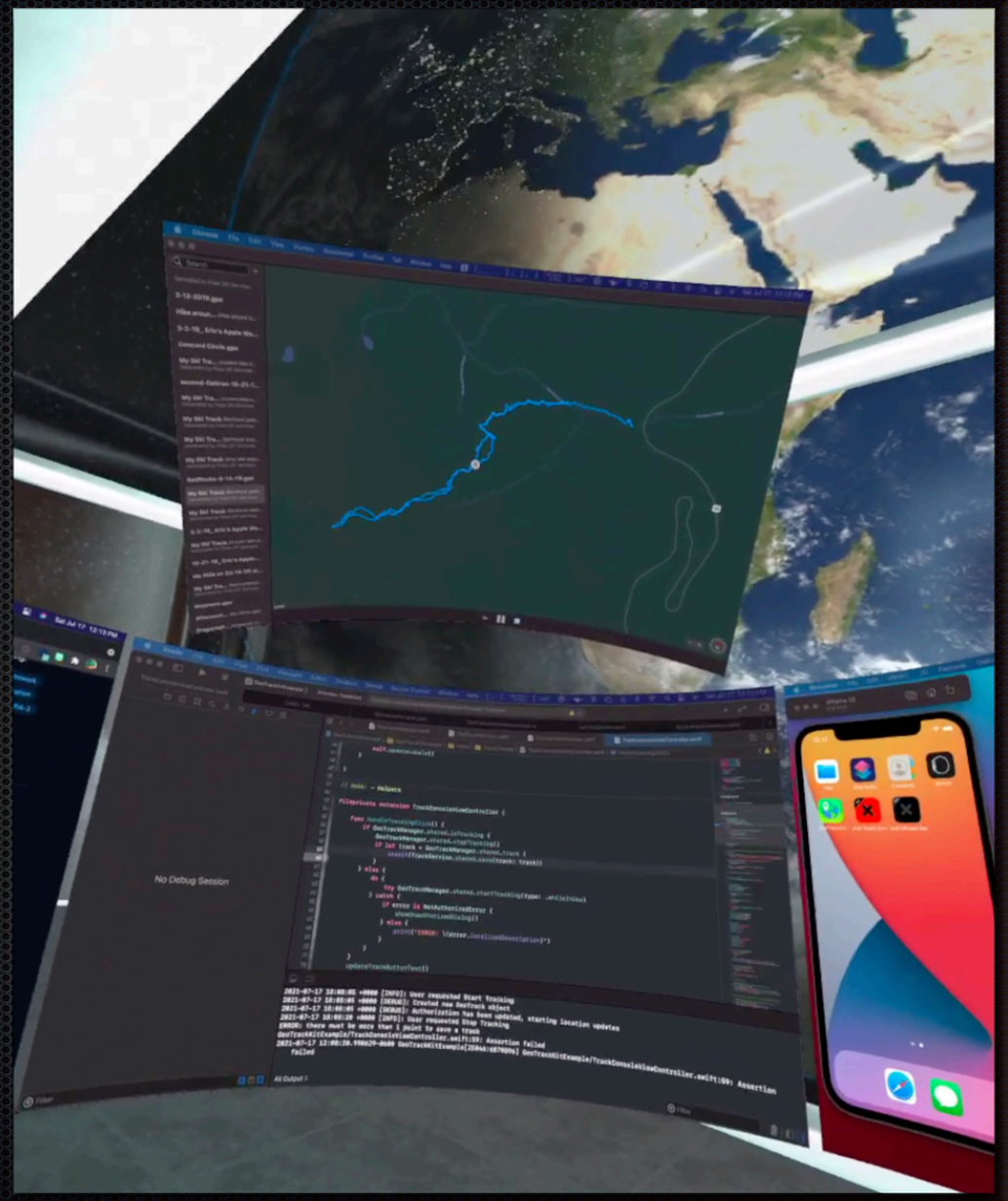
Virtual Reality

As a development paradigm

ON X
@intere

Welcome

Why are we here?



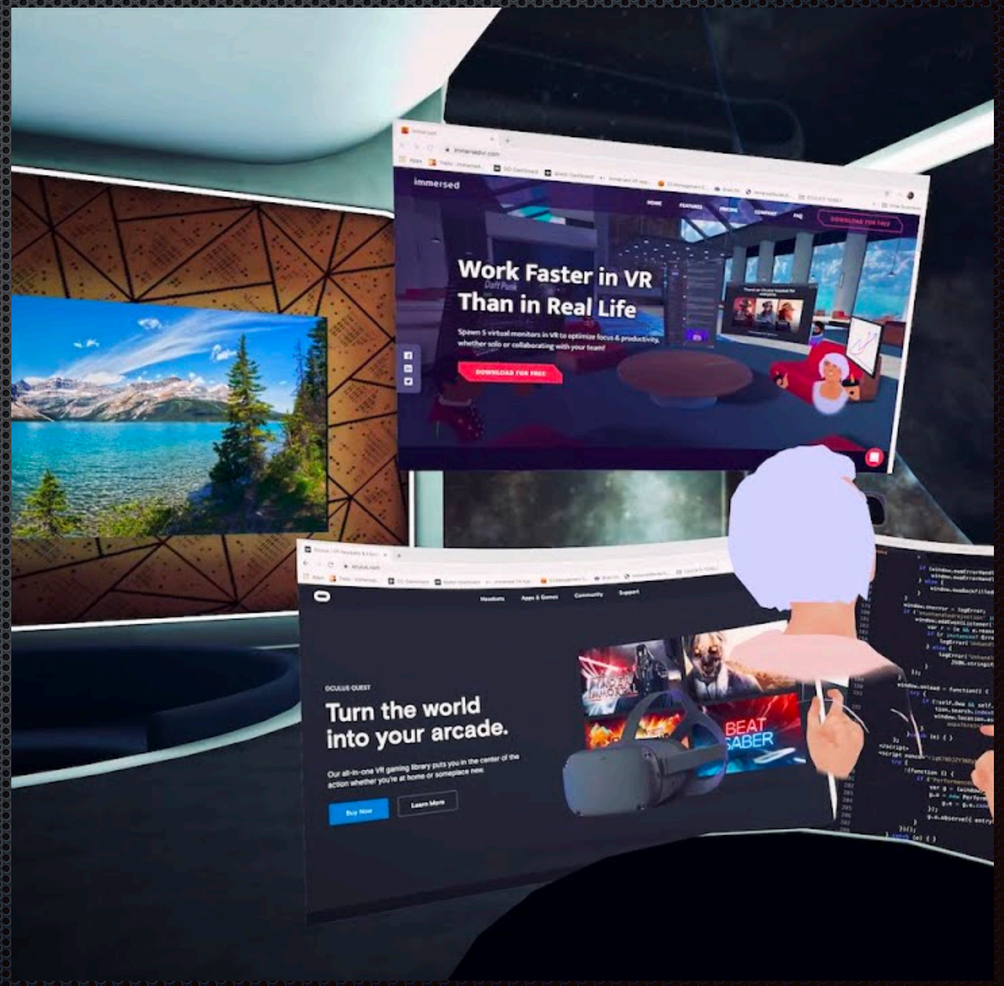
VR. Okay, cool…

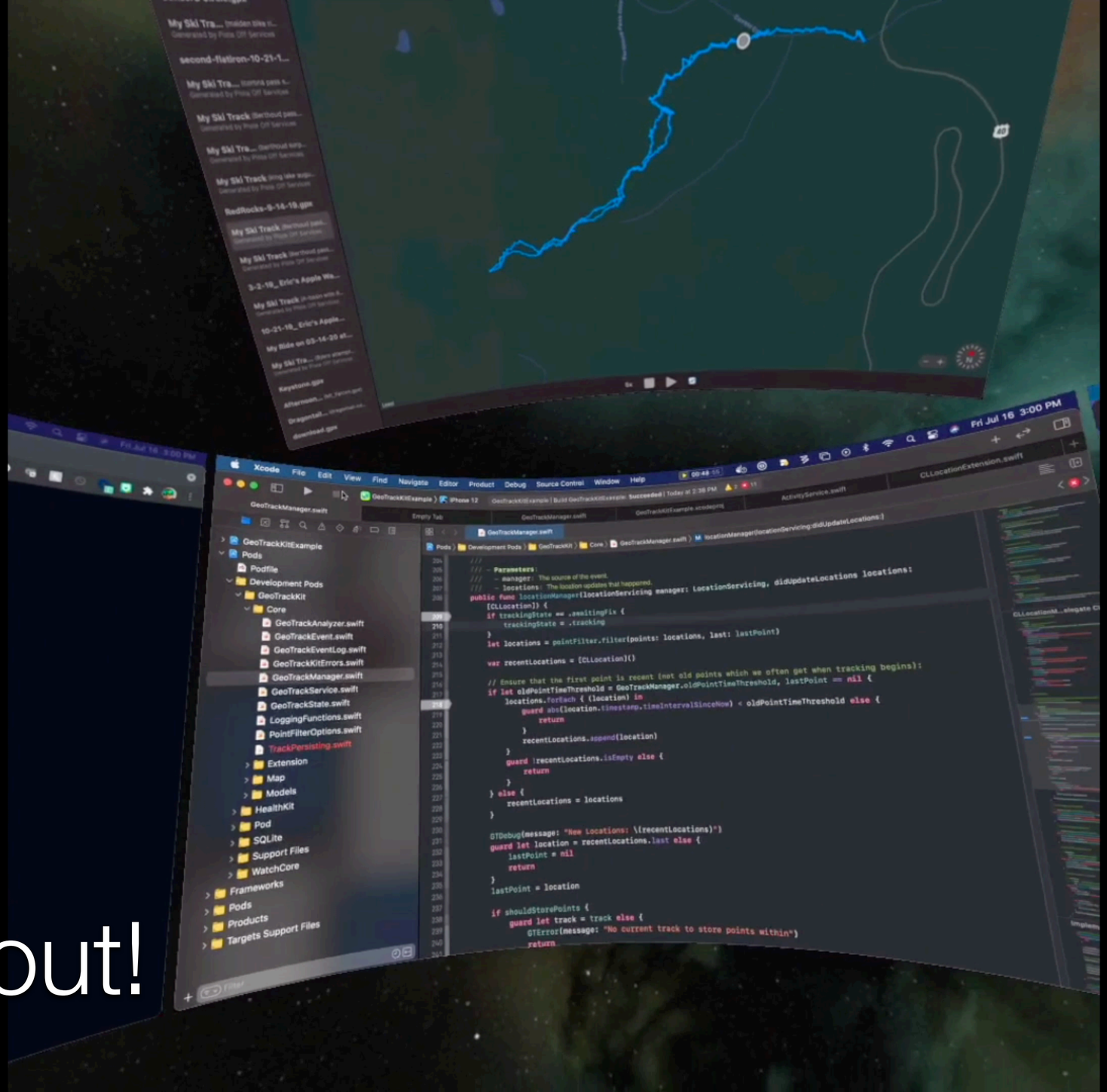
So many reasons…

- It’s cool
- It’s fun
- VR mask face
- You can take a break from dystopia
- Did I mention it’s cool?

Seriously though…

- Lots of virtual screens (portability)
- Virtual office workspace
- Eliminate visual distractions
- Find your flow state




Xcode
File
Edit
View
Find
Navigate
Editor
Product
Debug
Source Control
Window
Help
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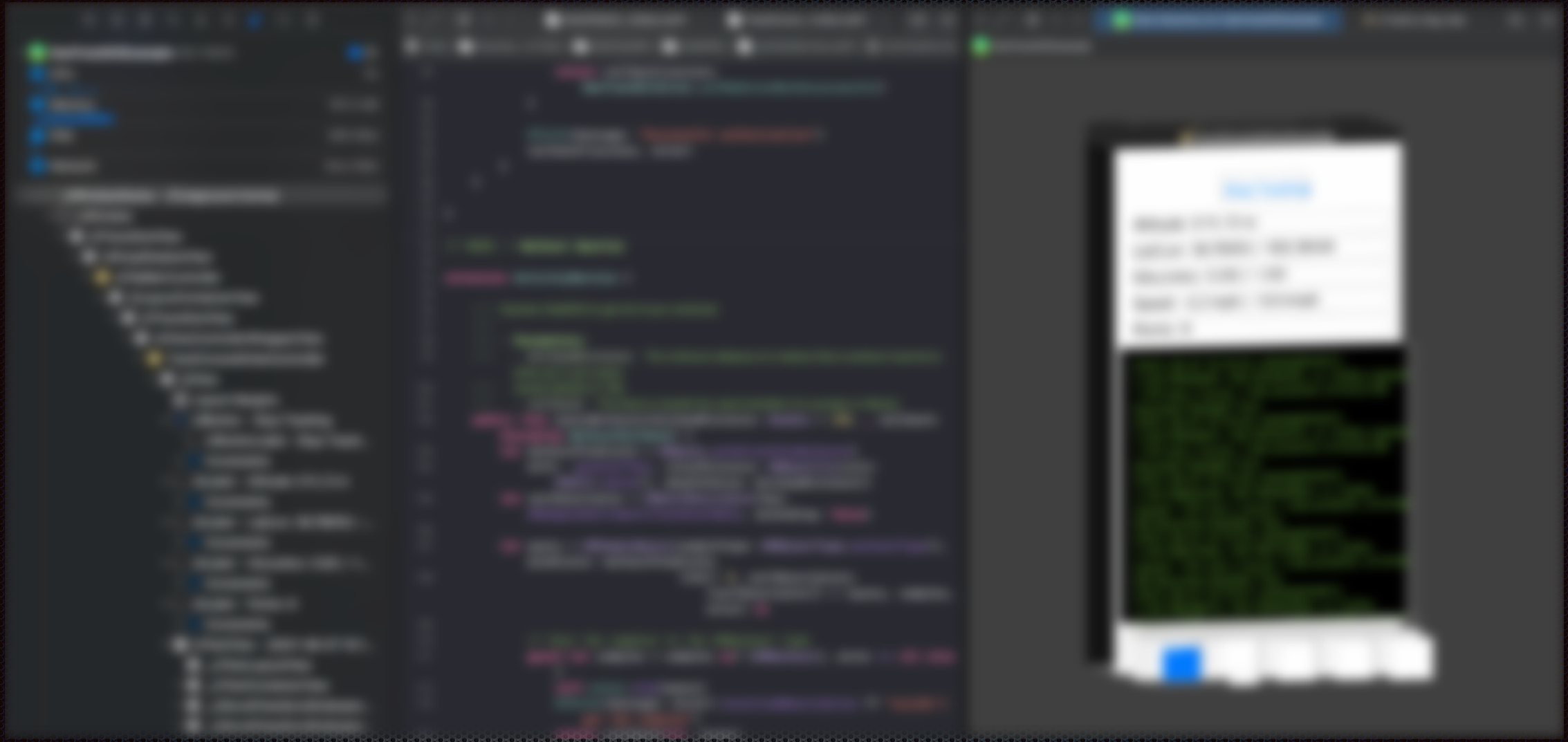
GeoTrackKitExample
Pods
Podfile
Development Pods
GeoTrackKit
Core
GeoTrackAnalyzer.swift
GeoTrackEvent.swift
GeoTrackEventLog.swift
GeoTrackKitErrors.swift
GeoTrackManager.swift
GeoTrackService.swift
GeoTrackState.swift
LoggingFunctions.swift
PointFilterOptions.swift
TrackPersisting.swift
Extension
Map
Models
HealthKit
Pod
SQLite
Support Files
WatchCore
Frameworks
Pods
Products
Targets Support Files

Check it out!

Hardware: Oculus Quest 2



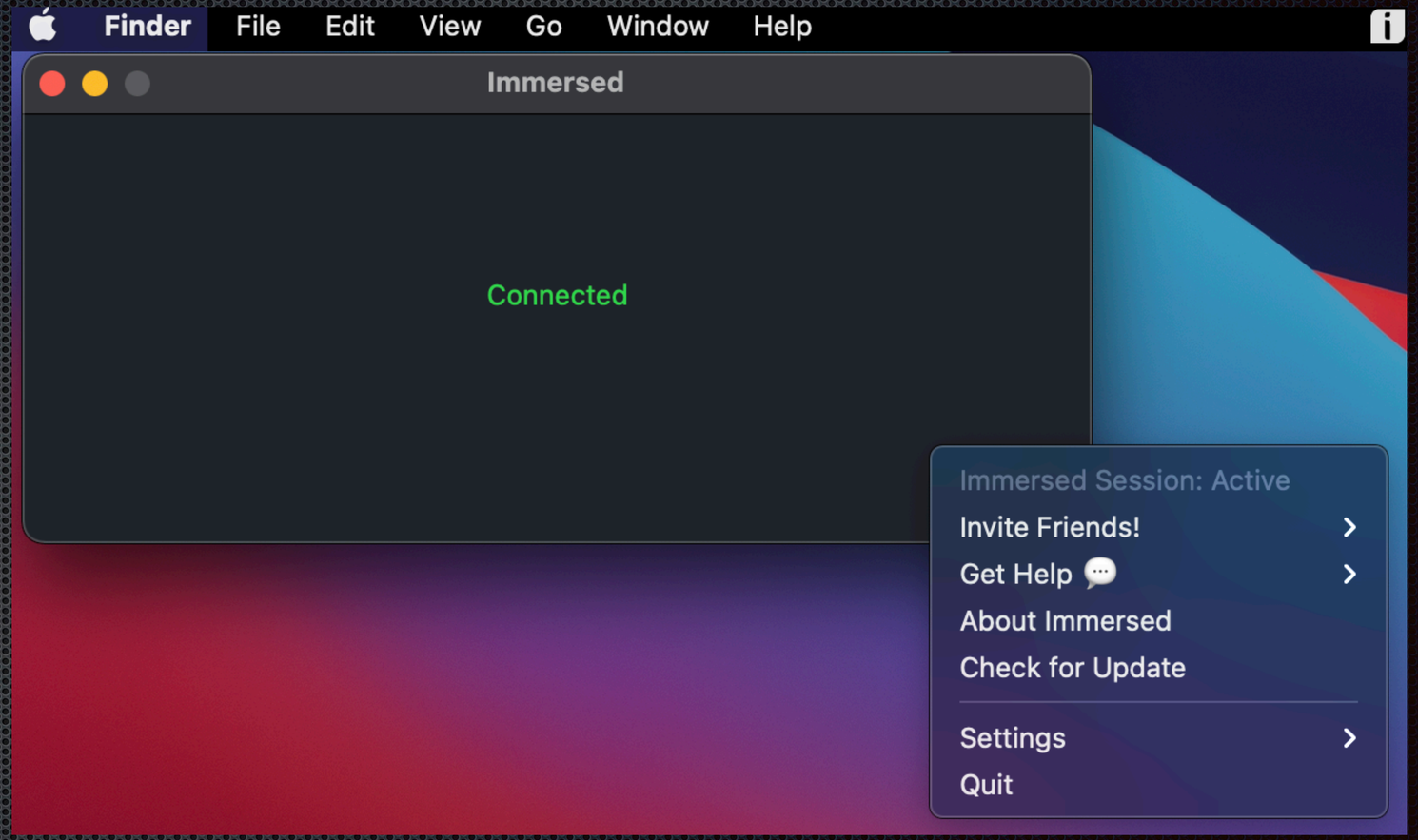
Software

Immersed VR

https://immersed.com/

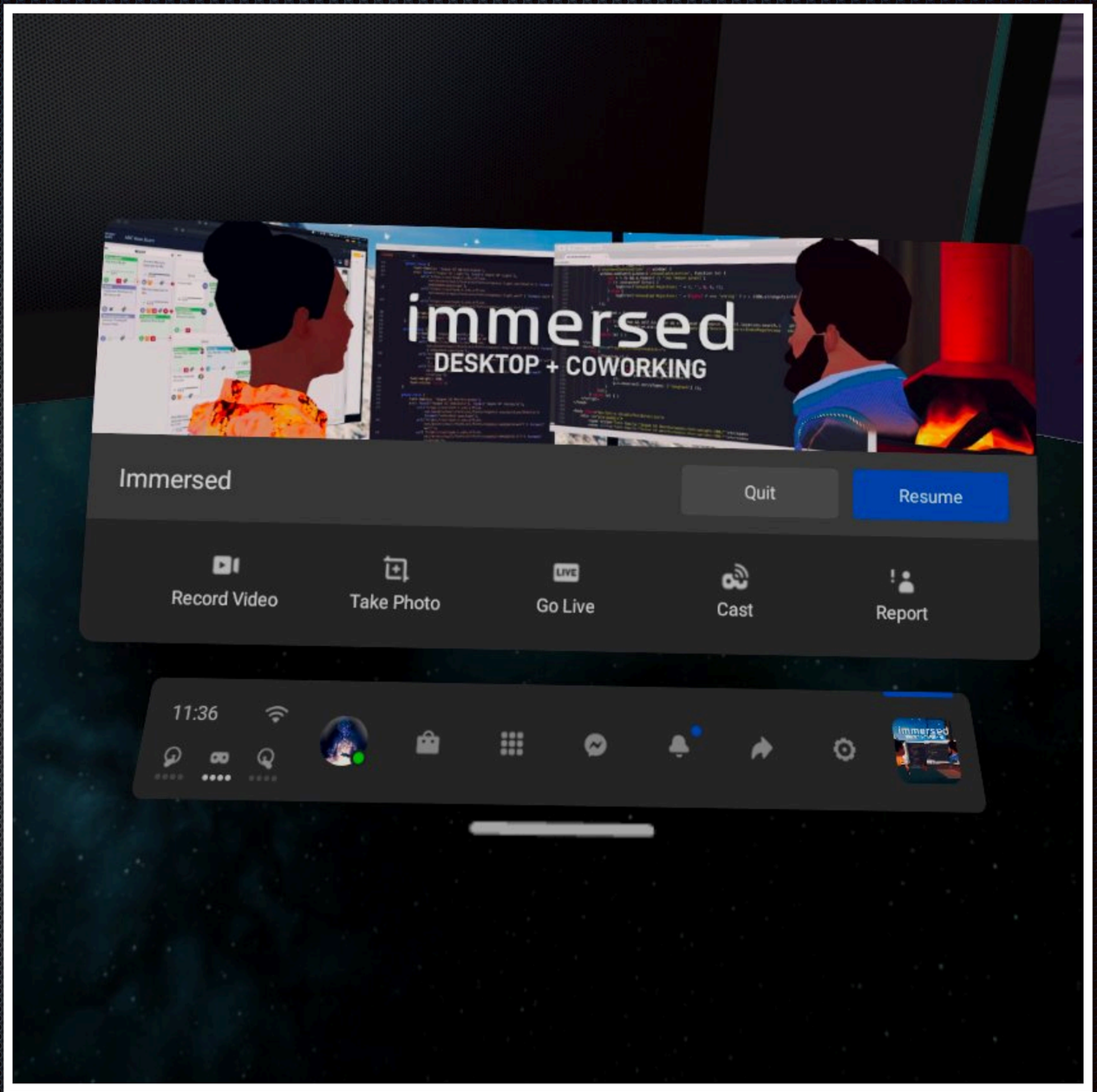
Software

Desktop Agent



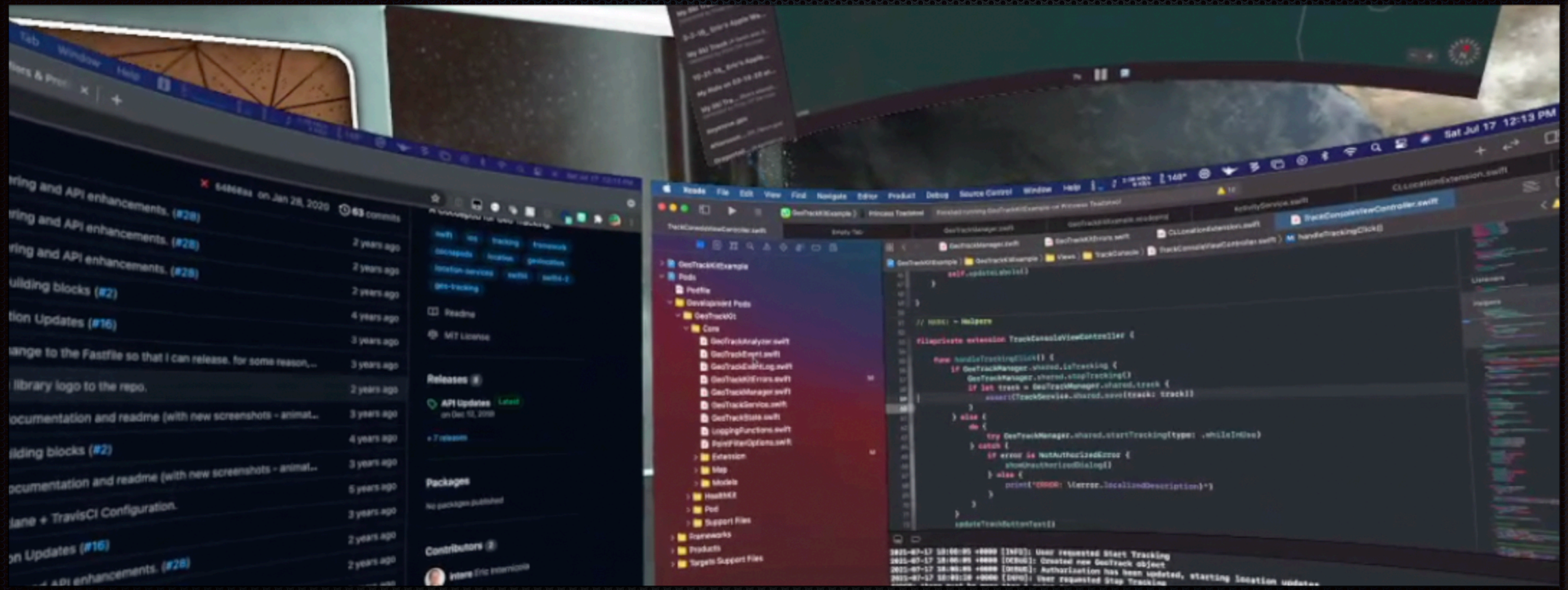
Software

Oculus App

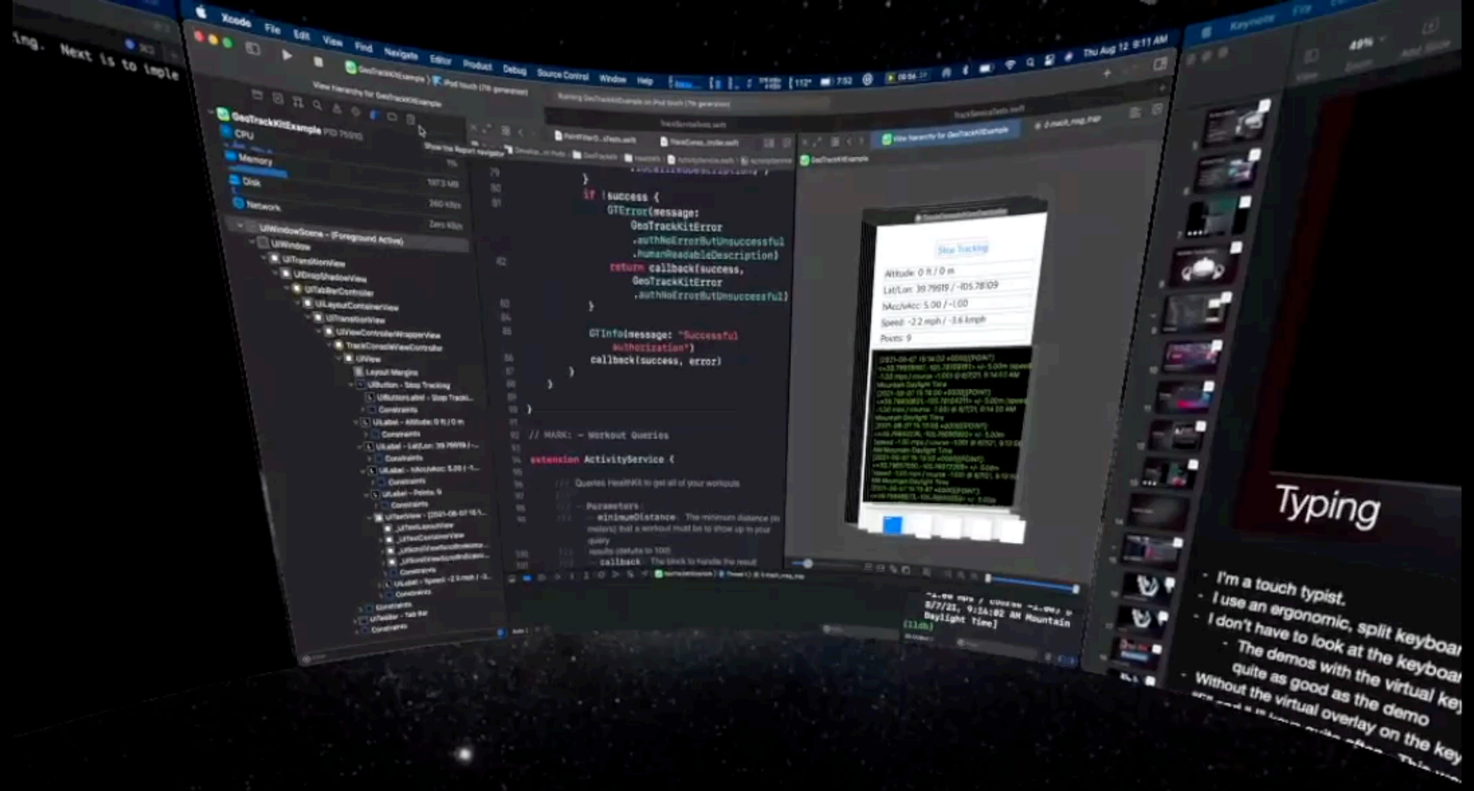


iOS App

Yep, they even have one of those.



Key Features

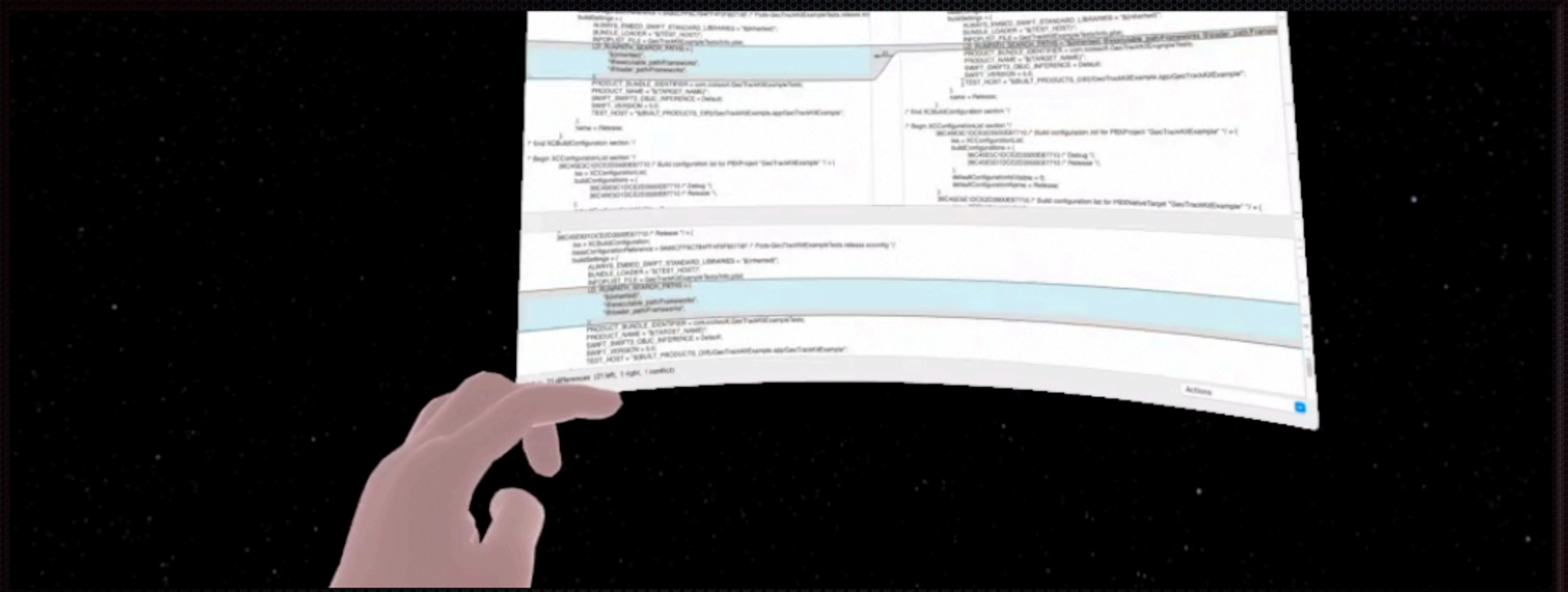


Screen configurability

Scenery

Voice recognition

Drowning out the outside world



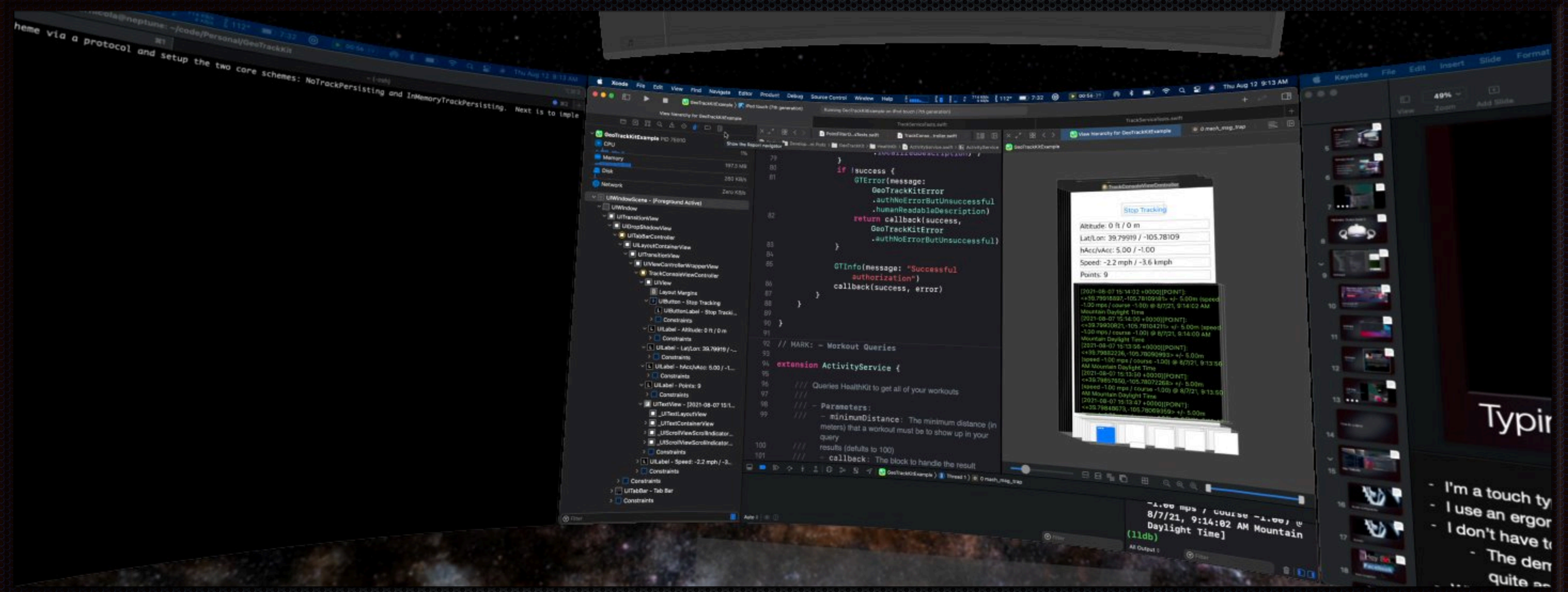
Gotchas

GeoTrackKitExample Workspace 1 issue
Workspace Integrity
Couldn't load project
Pods project 1 issue
Validate Project Settings
Update to recommended settings
GeoTrackKit 2 issues
Swift Compiler Warning
No Editor
git stash pop
Auto-merging GeoTrackKitExample/GeoTrackKitExample.xcodeproj/project.pbxproj
CONFLICT (content): Merge conflict in GeoTrackKitExample/GeoTrackKitExample.xcodeproj/project.pbxproj
The stash entry is kept in case you need it again.
zsh: no matches found: *.xcworkspace
open GeoTrackKitExample/*.xcworkspace

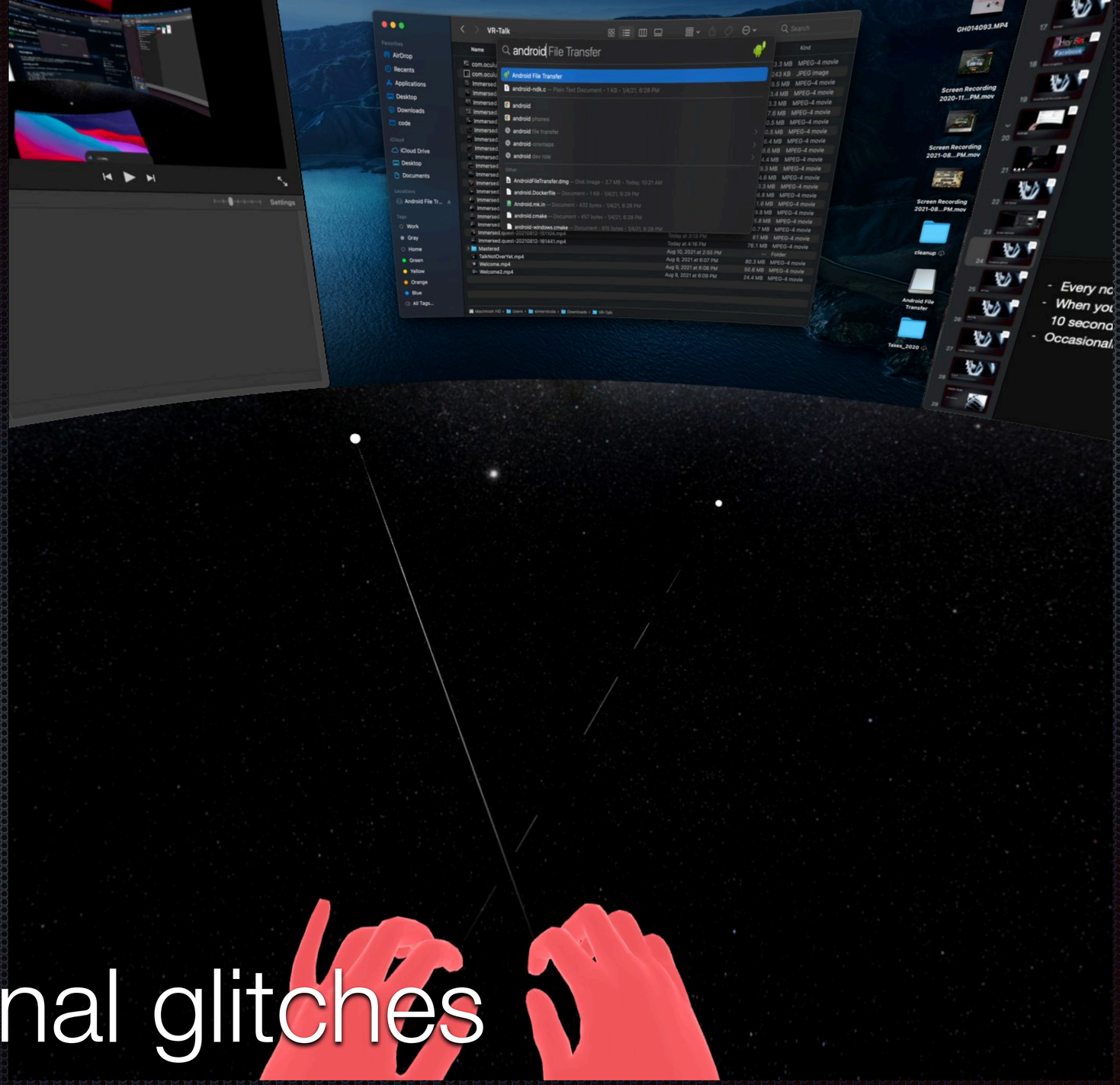
Typing

Browse
UPDATED PLAYLIST
Rap Life
Apple Music Hip-Hop
RAP LIFE
Now in Spatial Audio

iOS Device



Screen resolution



Occasional glitches

VR Face

Gaming

Learning Curve

Synopsis

Q & A

I wanted to leave some time for questions

References

- https://immersed.com
- https://www.oculus.com/quest-2/

Credits: Music

- Ikson - Last Summer

Thank you!