AVFoundation / Audio and video capture / Capturing Spatial Audio in your iOS app

Sample Code

Capturing Spatial Audio in your iOS app

Enhance your app's audio recording capabilities by supporting Spatial Audio capture.

Download

iOS 26.0+ | iPadOS 26.0+ | Xcode 26.0+

Overview

> **Note**
>
> This sample code project is associated with WWDC25 session 251: Enhance your app's audio recording capabilities.

Configure the sample code project

Run this sample code on a device that supports Spatial Audio capture, like an iPhone 16 Pro or later.

See Also

Stream capture

`class AVCaptureVideoDataOutput`

A capture output that records video and provides access to video frames for processing.

class `AVCaptureAudioDataOutput`

A capture output that records audio and provides access to audio sample buffers as they are recorded.

class `AVCaptureSpatialAudioMetadataSampleGenerator`

An interface for generating a spatial audio timed metadata sample.