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Article

Audio Toolbox updates

Learn about important changes to Audio Toolbox.



Overview

Browse notable changes in [Audio Toolbox](#).

June 2024

Spatial audio with AU Spatial Mixer

- Adjust the spatial mixer orientation to match someone's head pose via compatible AirPods by setting the new `kAudioUnitProperty_SpatialMixerEnableHeadTracking` property to true. The system requires your app to have the `com.apple.developer.coremotion.head-pose` entitlement to observe this property.
- Tailor spatial mixing output according to a person's personalized spatial audio profile that they configure in Settings by adding the `com.apple.developer.spatial-audio.profile-access` entitlement to your app.
- Instruct spatial mixing to ignore the new system spatial audio toggle in Control Center by adding the `AVGameBypassSystemSpatialAudio` key to your app's `Info.plist`.

See Also

[Technology updates](#)

 Accelerate updates

Learn about important changes to Accelerate.

 Accessibility updates

Learn about important changes to Accessibility.

 ActivityKit updates

Learn about important changes in ActivityKit.

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 App Clips updates

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 AppleMapsServerAPI Updates

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 Apple Pencil updates

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 AuthenticationServices updates

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 AVFAudio updates

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 AVFoundation updates

Learn about important changes to AVFoundation.

Background Tasks updates

Learn about important changes in Background Tasks.