

[Updates](#) / Vision updates

Article

Vision updates

Learn about important changes in Vision.



Overview

Browse notable changes in [Vision](#).

June 2025

- Use [DetectLensSmudgeRequest](#) and [SmudgeObservation](#) to detect a smudge with a confidence level in an image or video frame capture.
- Use [RecognizeDocumentsRequest](#) and [DocumentObservation](#) to scan a document and receive detailed information about its structure and content.

June 2024

- Use the new Swift-only API that follows best design practices in Swift and leverages modern language features like Swift concurrency for optimal performance.
- Analyze an image for aesthetically pleasing attributes by using [CalculateImageAestheticsScoresRequest](#) and provides a score through [ImageAestheticsScoresObservation](#). The score indicates whether an image contains memorable or exciting content.
- Use [DetectHumanBodyPoseRequest](#) to detect hands along side the 2D body joint skeleton.
- Use [DetectHumanBodyPoseRequest.Revision.revision2](#) to improve 2D human body pose detection.

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.

AdAttributionKit Updates

Learn about important changes to AdAttributionKit.

App Clips updates

Learn about important changes in App Clips.

App Intents updates

Learn about important changes in App Intents.

AppKit updates

Learn about important changes to AppKit.

Apple Intelligence updates

Learn about important changes to Apple Intelligence.

AppleMapsServerAPI Updates

Learn about important changes to AppleMapsServerAPI.

Apple Pencil updates

Learn about important changes to Apple Pencil.

ARKit updates

Learn about important changes to ARKit.

Audio Toolbox updates

Learn about important changes to Audio Toolbox.

 AuthenticationServices updates

Learn about important changes to AuthenticationServices.

 AVFAudio updates

Learn about important changes to AVFAudio.

 AVFoundation updates

Learn about important changes to AVFoundation.