Vision / Original Objective-C and Swift API / Applying visual effects to foreground subjects
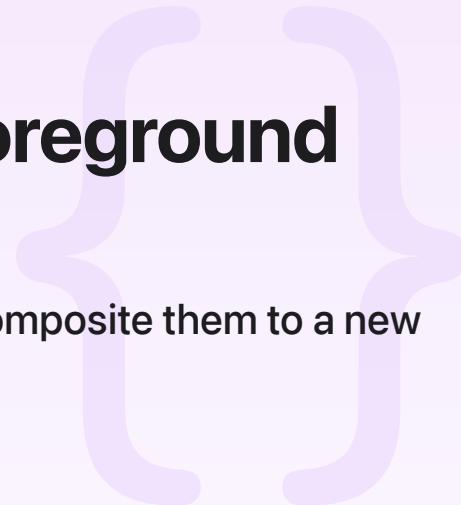
Sample Code

Applying visual effects to foreground subjects

Segment the foreground subjects of an image and composite them to a new background with visual effects.

[Download]

iOS 17.0+ | iPadOS 17.0+ | Xcode 15.0+

Overview

> **Note**
>
> This sample code project is associated with WWDC23 session 10176: Lift subjects from images in your app.

Configure the sample code project

Before you run the sample code project in Xcode, set the run destination to an iOS 17 device.

See Also

Image background removal

`class` VNInstanceMaskObservation

An observation that contains an instance mask that labels instances in the mask.

`class` `VNGenerateForegroundInstanceMaskRequest`

A request that generates an instance mask of noticable objects to separate from the background.

`let` `VNGenerateForegroundInstanceMaskRequestRevision1:` `Int`

A constant for specifying the first revision of the foreground instance mask request.