Vision / Original Objective-C and Swift API / Highlighting Areas of Interest in an Image Using Saliency
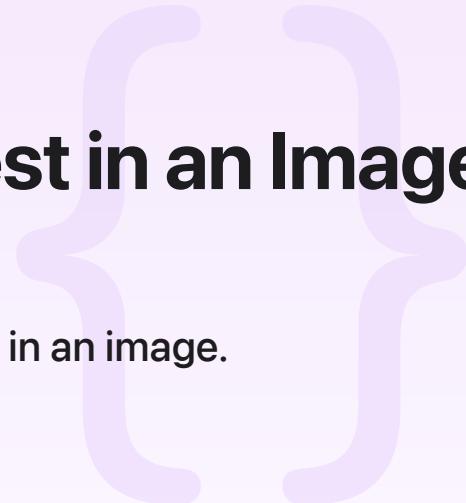
Sample Code

Highlighting Areas of Interest in an Image Using Saliency

Quantify and visualize where people are likely to look in an image.

Download

iOS 13.0+ | iPadOS 13.0+ | macOS 11.0+ | Xcode 11.0+

Overview

> **Note**
>
> For more information about this sample code project, see WWDC 2019 Session 222: Understanding Images in Vision Framework.

See Also

Saliency analysis

📄 Cropping Images Using Saliency

Isolate regions in an image that are most likely to draw people's attention.

`class` `VNGenerateAttentionBasedSaliencyImageRequest`

An object that produces a heat map that identifies the parts of an image most likely to draw attention.

`class` VNGenerateObjectnessBasedSaliencyImageRequest

A request that generates a heat map that identifies the parts of an image most likely to represent objects.

`class` VNSaliencyImageObservation

An observation that contains a grayscale heat map of important areas across an image.