Class

TargetedImageRequestHandler

An object that performs image-analysis requests on two images.

iOS 18.0+ | iPadOS 18.0+ | macOS 15.0+ | tvOS 18.0+ | visionOS 2.0+

```
final class TargetedImageRequestHandler
```

Topics

Creating a request handler

`convenience init(sourceURL: URL, targetURL: URL, orientation: CGImagePropertyOrientation?)`

Creates a handler for performing requests on an image at the specified URL.

`convenience init(source: Data, target: Data, orientation: CGImagePropertyOrientation?)`

Creates a handler for performing requests on an image contained in a data object.

`convenience init(source: CGImage, target: CGImage, orientation: CGImagePropertyOrientation?)`

Creates a handler for performing requests on Core Graphics images.

`convenience init(source: CVPixelBuffer, target: CVPixelBuffer, orientation: CGImagePropertyOrientation?)`

Creates a handler for performing requests on a Core Video pixel buffer.

`convenience init(source: CMSampleBuffer, target: CMSampleBuffer, orientation: CGImagePropertyOrientation?)`

Creates a request handler that performs requests on an image contained within a sample buffer.

`convenience init(source: CIImage, target: CIImage, orientation: CGImagePropertyOrientation?)`

Creates a handler for performing requests on Core Image images.

Performing the request

`func perform<each T>(repeat each T) async throws -> (repeat (each T).Result)`

Performs one or more framework requests on the handler's image.

`func perform<T>(T) async throws -> T.Result`

Performs a framework request on the handler's image.

`func performAll(some Collection<any TargetedRequest>) -> some AsyncSequence<VisionResult, Never>`

Schedules a collection of framework requests to perform on the handler's image.

Relationships

Conforms To

`Sendable`, `SendableMetatype`

See Also

Request Handlers

`class ImageRequestHandler`

An object that processes one or more image-analysis requests pertaining to a single image.