Class

VTFrameProcessorOpticalFlow

A class to wrap bidirectional optical flow to send to the processor.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 15.4+ | tvOS 26.0+ | visionOS 26.0+

```
class VTFrameProcessorOpticalFlow
```

Overview

Instances retain the buffers backing them.

Topics

Creating an optical flow configuration

`init?(forwardFlow: CVPixelBuffer, backwardFlow: CVPixelBuffer)`

 Creates an object with forward and backward optical flow pixel buffers.

Inspecting the configuration

`var backwardFlow: CVPixelBuffer`

 The backward optical flow pixel buffer that was provided when the object was created.

`var forwardFlow: CVPixelBuffer`

The forward optical flow pixel that was provided when the object was created.

Relationships

Inherits From

NSObject

Conforms To

CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSObjectProtocol

See Also

Optical flow

class VTOpticalFlowConfiguration

A configuration object that enables optical flow on a frame processing session.

class VTOpticalFlowParameters

An object that describes frame-level optical flow parameters.