AVFoundation / AVCaptureFileOutputDelegate

Protocol

AVCaptureFileOutputDelegate

Methods for monitoring or controlling the output of a media file capture.

macOS 10.7+

```
protocol AVCaptureFileOutputDelegate : NSObjectProtocol
```

Overview

The `AVCaptureFileOutputDelegate` protocol defines an interface for delegates of an [AVCaptureFileOutput](#) object to monitor and control recordings along exact sample boundaries.

Topics

Sample processing

```
func fileOutputShouldProvideSampleAccurateRecordingStart(AVCaptureFile
Output) -> Bool
```

Allows a client to opt in to frame accurate recording in [fileOutput(_:didOutputSample Buffer:from:)](#).

Required

```
func fileOutput(AVCaptureFileOutput, didOutputSampleBuffer: CMSample
Buffer, from: AVCaptureConnection)
```

Gives the delegate the opportunity to inspect samples as they are received by the output and start and stop recording at exact times.

Relationships

Inherits From

NSObjectProtocol

See Also

File capture

📄 Recording movies in alternative formats

Change the default format for capturing movie files.

class AVCaptureMovieFileOutput

A capture output that records video and audio to a QuickTime movie file.

class AVCaptureAudioFileOutput

A capture output that records audio and saves the recorded audio to a file.

class AVCaptureFileOutput

The abstract superclass for capture outputs that can record captured data to a file.

protocol AVCaptureFileOutputRecordingDelegate

Methods for responding to events that occur while recording captured media to a file.