

[AVFoundation](#) / [AVCaptureFileOutputRecordingDelegate](#)

Protocol

AVCaptureFileOutputRecordingDelegate

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

iOS 4.0+ | iPadOS 4.0+ | Mac Catalyst 14.0+ | macOS 10.7+ | tvOS 17.0+

`protocol` `AVCaptureFileOutputRecordingDelegate` : `NSObjectProtocol`

Overview

Defines an interface for delegates of [AVCaptureFileOutput](#) to respond to events that occur in the process of recording a single file.

The delegate of an `AVCaptureFileOutput` object must adopt the `AVCaptureFileOutputRecordingDelegate` protocol.

Topics

Delegate methods

```
func fileOutput(AVCaptureFileOutput, didStartRecordingTo: URL, from: [AVCaptureConnection])
```

Notifies the delegate when the output has started writing to a file.

```
func fileOutput(AVCaptureFileOutput, didStartRecordingTo: URL, startPTS: CMTime, from: [AVCaptureConnection])
```

```
func fileOutput(AVCaptureFileOutput, willFinishRecordingTo: URL, from: [AVCaptureConnection], error: (any Error)?)
```

Notifies the delegate when the output will stop writing new samples to a file.

```
func fileOutput(AVCaptureFileOutput, didFinishRecordingTo: URL, from: [AVCaptureConnection], error: (any Error)?)
```

Notifies the delegate when all pending data has been written to an output file.

Required

```
func fileOutput(AVCaptureFileOutput, didPauseRecordingTo: URL, from: [AVCaptureConnection])
```

Called whenever the output is recording to a file and successfully pauses the recording at the request of a client.

```
func fileOutput(AVCaptureFileOutput, didResumeRecordingTo: URL, from: [AVCaptureConnection])
```

Called whenever the output, at the request of the client, successfully resumes a file recording that was paused.

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 AVCaptureFileOutputDelegate`

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