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Class

AVAssetReaderVideoCompositionOutput

An object that reads composited video frames from one or more tracks of an asset.

iOS 4.1+ | iPadOS 4.1+ | Mac Catalyst 13.1+ | macOS 10.7+ | tvOS 9.0+ | visionOS 1.0+

```
class AVAssetReaderVideoCompositionOutput
```

Topics

Creating a video composition output

```
init(videoTracks: [AVAssetTrack], videoSettings: [String : Any]?)
```

Creates an object that reads composited video frames from the specified video tracks.

Configuring video settings

```
var videoComposition: AVVideoComposition?
```

The video composition to use for the output.

```
var customVideoCompositor: (any AVVideoCompositing)?
```

A custom video compositor for the output.

Inspecting an output

```
var videoTracks: [AVAssetTrack]
```

The tracks from which the output reads the composited video.

```
var videoSettings: [String : Any]?
```

The video settings that the output uses.

Relationships

Inherits From

AVAssetReaderOutput

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

Sendable

SendableMetatype

See Also

Media reading

{} Reading multiview 3D video files

Render single images for the left eye and right eye from a multiview High Efficiency Video Coding format file by reading individual video frames.

class AVAssetReader

An object that reads media data from an asset.

class AVAssetReaderOutput

An abstract class that defines the interface to read media samples from an asset reader.

class AVAssetReaderTrackOutput

An object that reads media data from a single track of an asset.

```
class AVAssetReaderAudioMixOutput
```

An object that reads audio samples that result from mixing audio from one or more tracks.

```
class AVAssetReaderSampleReferenceOutput
```

An object that reads sample references from an asset track.

```
class AVAssetReaderOutputMetadataAdaptor
```

An object that creates timed metadata group objects for an asset track.