

[AVFoundation](#) / AVAssetWriterInputMetadataAdaptor

Class

AVAssetWriterInputMetadataAdaptor

An object that appends timed metadata groups to an asset writer input.

iOS 8.0+ | iPadOS 8.0+ | Mac Catalyst 13.1+ | macOS 10.10–11.0 Deprecated | tvOS 9.0–26.2 Deprecated | visionOS 1.0+

```
class AVAssetWriterInputMetadataAdaptor
```

Overview

Use a metadata adaptor to append track-level metadata, packaged as instances of [AVTimedMetadataGroup](#), to an asset writer input.

Topics

Creating an input metadata adaptor

```
init(assetWriterInput: AVAssetWriterInput)
```

Creates a metadata group adaptor to append timed metadata groups to write to an output file.

Appending timed metadata

```
func append(AVTimedMetadataGroup) -> Bool
```

Appends a timed metadata group to the adaptor.

Accessing the input

```
var assetWriterInput: AVAssetWriterInput
```

The input for the metadata adaptor.

Relationships

Inherits From

NSObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

See Also

Media writing

{ } Converting projected video to Apple Projected Media Profile

Convert content with equirectangular or half-equirectangular projection to APMP.

{ } Converting side-by-side 3D video to multiview HEVC and spatial video

Create video content for visionOS by converting an existing 3D HEVC file to a multiview HEVC format, optionally adding spatial metadata to create a spatial video.

{ } Writing fragmented MPEG-4 files for HTTP Live Streaming

Create an HTTP Live Streaming presentation by turning a movie file into a sequence of fragmented MPEG-4 files.

- Creating spatial photos and videos with spatial metadata
 - Add spatial metadata to stereo photos and videos to create spatial media for viewing on Apple Vision Pro.
- Tagging media with video color information
 - Inspect and set video color space information when writing and transcoding media.
- Evaluating an app's video color
 - Check color reproduction for a video in your app by using test patterns, video test equipment, and light-measurement instruments.

`class AVOutputSettingsAssistant`

An object that builds audio and video output settings dictionaries.

`class AVAssetWriter`

An object that writes media data to a container file.

`class AVAssetWriterInput`

An object that appends media samples to a track in an asset writer's output file.

`class AVAssetWriterInputPixelBufferAdaptor`

An object that appends video samples to an asset writer input.

`class AVAssetWriterInputTaggedPixelBufferGroupAdaptor`

An object that appends tagged buffer groups to an asset writer input.

`class AVAssetWriterInputGroup`

A group of inputs with tracks that are mutually exclusive to each other for playback or processing.