

[Video Toolbox](#) / `VTHDRPerFrameMetadataGenerationSession`

Class

VTHDRPerFrameMetadataGenerationSession

An object that generates per-frame HDR metadata.

iOS 18.0+ | iPadOS 18.0+ | Mac Catalyst 18.0+ | macOS 15.0+ | tvOS 18.0+ | visionOS 2.0+

```
class VTHDRPerFrameMetadataGenerationSession
```

Topics

Creating a session

```
init(framesPerSecond: Float, hdrFormats: [VTHDRPerFrameMetadataGenerationSession.HDRFormat]?) throws
```

Attaching metadata

```
func attachMetadata(to: CVPixelBuffer, sceneChange: Bool) throws
```

HDR Formats

```
enum HDRFormat
```