

[Video Toolbox](#) / [Frame processing](#) / Enhancing your app with machine learning-based video effects

Sample Code

Enhancing your app with machine learning-based video effects

Add powerful effects to your videos using the `VideoToolbox VTFrameProcessor` API.

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macOS 26.0+ | Xcode 26.0+

Overview

Using this sample app, you can learn how to enhance your videos using one of several video effects.

Note

This sample code project is associated with WWDC25 session 300: [Enhance your app with machine learning-based video effects](#).

See Also

Frame processor

`class VTFrameProcessor`

A class that creates a new frame processor for the configured video effect.

```
class VTFrameProcessorFrame
```

An object that wraps video frames to send to the processor, as source, reference, or output frames.

```
protocol VTFrameProcessorConfiguration
```

A protocol that describes the configuration of a processor to use during a video processing session.

```
protocol VTFrameProcessorParameters
```

The base protocol for input and output processing parameters for a frame processor implementation.