

[Video Toolbox](#) / VTCopyVideoEncoderList(\_:\_:)

## Function

# VTCopyVideoEncoderList(\_:\_:)

Builds a list of available video encoders.

iOS 8.0+ | iPadOS 8.0+ | Mac Catalyst 13.1+ | macOS 10.8+ | tvOS 10.2+ | visionOS 1.0+

```
func VTCopyVideoEncoderList(
    _ options: CFDictionary?,
    _ listOfVideoEncodersOut: UnsafeMutablePointer<CFArray?>
) -> OSStatus
```

## Parameters

### options

Not currently supported. Pass NULL for this parameter.

### listOfVideoEncodersOut

Pointer to a CFArray of available video encoders.

## Discussion

The caller must release the returned list using [CFRelease](#).

## See Also

## Codec Support

```
func VTIsHardwareDecodeSupported(CMVideoCodecType) -> Bool
```

Returns a Boolean value that indicates whether the current system supports hardware decode for the specified codec.

```
func VTRegisterProfessionalVideoWorkflowVideoEncoders()
```

Loads encoders appropriate for the client's professional video workflows.

```
func VTRegisterProfessionalVideoWorkflowVideoDecoders()
```

Loads decoders appropriate for the client's professional video workflows.

```
func VTRegisterSupplementalVideoDecoderIfAvailable(CMVideoCodecType)
```

Registers a video decoder for the specified codec type, if one exists on the current system.

```
func VTCopySupportedPropertyDictionaryForEncoder(width: Int32, height: Int32, codecType: CMVideoCodecType, encoderSpecification: CFDictionary?, encoderIDOut: UnsafeMutablePointer<CFString?>?, supportedPropertiesOut: UnsafeMutablePointer<CFDictionary?>?) -> OSStatus
```

Builds a list of supported properties and encoder ID for an encoder.

☰ Video Encoder List Keys

Dictionary key constants to use to retrieve video encoder information.