

[Video Toolbox](#) / VTRegisterProfessionalVideoWorkflowVideoEncoders()

## Function

# VTRegisterProfessionalVideoWorkflowVideoEncoders()

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

macOS 10.10+

```
func VTRegisterProfessionalVideoWorkflowVideoEncoders()
```

## Discussion

Loads the video encoders within the client's `/Library/Video/Professional Video Workflow Plug-Ins/` directory, if any are present.

## 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 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.

```
func VTCopyVideoEncoderList(CFDictionary?, UnsafeMutablePointer<CFArray?>) -> OSStatus
```

Builds a list of available video encoders.

### ☰ Video Encoder List Keys

Dictionary key constants to use to retrieve video encoder information.