

[Video Toolbox](#) / `VTRegisterSupplementalVideoDecoderIfAvailable(_:)`

Function

VTRegisterSupplementalVideoDecoderIfAvailable(_:)

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

iOS 26.2+ [Beta](#) | iPadOS 26.2+ [Beta](#) | Mac Catalyst 26.2+ [Beta](#) | macOS 11.0+ | tvOS 26.2+ [Beta](#) | visionOS 26.2+ [Beta](#)

```
func VTRegisterSupplementalVideoDecoderIfAvailable(_ codecType: CMVideoCodecType)
```

Parameters

codecType

A codec type for which to register a decoder.

Discussion

Call this function to find and register video decoders that aren't registered by default.

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 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.

Beta Software

This documentation contains preliminary information about an API or technology in development. This information is subject to change, and software implemented according to this documentation should be tested with final operating system software.

[Learn more about using Apple's beta software >](#)