Documentation Language: Swift

Video To... / VTCopySupportedPropertyDictionaryForEncoder(width:height:codecType:encoderSpecification:encoderI

Function

VTCopySupportedPropertyDictionaryForEncoder(width:height:codecType:encoderSpecification:encoderIDOut:supportedPropertiesOut:)

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

iOS 11.0+ | iPadOS 11.0+ | Mac Catalyst 13.1+ | macOS 10.13+ | tvOS 11.0+ | visionOS 1.0+

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

Parameters

`width`

`height`

`codecType`

`encoderSpecification`

`encoderIDOut`

`supportedPropertiesOut`

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 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.