API Collection

Deprecated Symbols

Review unsupported symbols and their replacements.

Topics

Inter-App Audio

Inter-App Audio is deprecated in iOS 13 and is unavailable when running iPad apps in macOS.

~~func **AudioOutputUnitPublish**(UnsafePointer<AudioComponentDescription>, CFString, UInt32, AudioUnit) -> OSStatus~~

Registers an audio output unit for use by other applications.

`Deprecated`

~~func **AudioOutputUnitGetHostIcon**(AudioUnit, Float) -> UIImage?~~

The host app's icon.

`Deprecated`

~~func **AudioComponentGetIcon**(AudioComponent, Float) -> UIImage?~~

The UIImage of the audio component's icon.

`Deprecated`

~~func **AudioComponentGetLastActiveTime**(AudioComponent) -> CFAbsoluteTime~~

The time at which the application publishing the component was last active.

`Deprecated`

Functions

func AudioFileReadPackets(AudioFileID, Bool, UnsafeMutablePointer<UInt32>, UnsafeMutablePointer<AudioStreamPacketDescription>?, Int64, UnsafeMutablePointer<UInt32>, UnsafeMutableRawPointer?) -> OSStatus

Reads a fixed duration of audio data from an audio file.

Deprecated

func AudioComponentGetIcon(AudioComponent, Float) -> UIImage?

The UIImage of the audio component's icon.

Deprecated

func AudioComponentGetLastActiveTime(AudioComponent) -> CFAbsoluteTime

The time at which the application publishing the component was last active.

Deprecated

func AudioHardwareServiceAddPropertyListener(AudioObjectID, UnsafePointer<AudioObjectPropertyAddress>!, AudioObjectPropertyListenerProc!, UnsafeMutableRawPointer!) -> OSStatus

Registers a HAL audio object property listener callback function to be invoked when a specified property changes.

Deprecated

func AudioHardwareServiceGetPropertyData(AudioObjectID, UnsafePointer<AudioObjectPropertyAddress>!, UInt32, UnsafeRawPointer!, UnsafeMutablePointer<UInt32>!, UnsafeMutableRawPointer!) -> OSStatus

Gets the value for a specified property.

Deprecated

func AudioHardwareServiceGetPropertyDataSize(AudioObjectID, UnsafePointer<AudioObjectPropertyAddress>!, UInt32, UnsafeRawPointer!, UnsafeMutablePointer<UInt32>!) -> OSStatus

Gets the payload size for a given property.

Deprecated

func AudioHardwareServiceHasProperty(AudioObjectID, UnsafePointer<AudioObjectPropertyAddress>!) -> Bool

Queries a HAL audio object about whether or not it has a specified property.

Deprecated

func AudioHardwareServiceIsPropertySettable(AudioObjectID, UnsafePointer<AudioObjectPropertyAddress>!, UnsafeMutablePointer<DarwinBoolean>!) -> OSStatus

Queries a HAL audio object about whether a specified property is settable.

Deprecated

~~func **AudioHardwareServiceRemovePropertyListener**(AudioObjectID, UnsafePointer<AudioObjectPropertyAddress>!, AudioObjectPropertyListenerProc!, UnsafeMutableRawPointer!) -> OSStatus~~

Unregisters a HAL audio object property listener callback function.

Deprecated

~~func **AudioHardwareServiceSetPropertyData**(AudioObjectID, UnsafePointer<AudioObjectPropertyAddress>!, UInt32, UnsafeRawPointer!, UInt32, UnsafeRawPointer!) -> OSStatus~~

Asks a HAL audio object to change the value of a specified property.

Deprecated

~~func **AudioOutputUnitGetHostIcon**(AudioUnit, Float) -> UIImage?~~

The host app's icon.

Deprecated

~~func **AudioOutputUnitPublish**(UnsafePointer<AudioComponentDescription>, CFString, UInt32, AudioUnit) -> OSStatus~~

Registers an audio output unit for use by other applications.

Deprecated

~~func **AudioSessionAddPropertyListener**(AudioSessionPropertyID, AudioSessionPropertyListener!, UnsafeMutableRawPointer!) -> OSStatus~~

Adds a property listener callback function to your application's audio session object.

Deprecated

~~func **AudioSessionGetProperty**(AudioSessionPropertyID, UnsafeMutablePointer<UInt32>!, UnsafeMutableRawPointer!) -> OSStatus~~

Gets the value of a specified audio session property.

Deprecated

~~func **AudioSessionGetPropertySize**(AudioSessionPropertyID, UnsafeMutablePointer<UInt32>!) -> OSStatus~~

Gets the size of the value for a specified audio session property.

Deprecated

~~func **AudioSessionInitialize**(CFRunLoop!, CFString!, AudioSessionInterruptionListener!, UnsafeMutableRawPointer!) -> OSStatus~~

Initializes an iOS application's audio session object.

`Deprecated`

~~func~~ **AudioSessionRemovePropertyListener**~~(AudioSessionPropertyID) →~~
~~OSStatus~~

Removes an audio session property listener callback function.

`Deprecated`

~~func~~ **AudioSessionRemovePropertyListenerWithUserData**~~(AudioSession~~
~~PropertyID, AudioSessionPropertyListener!, UnsafeMutableRawPointer!) →~~
~~OSStatus~~

Removes a property listener callback function from your application's audio session object.

`Deprecated`

~~func~~ **AudioSessionSetActive**~~(Bool) → OSStatus~~

Actives or deactivates your application's audio session.

`Deprecated`

~~func~~ **AudioSessionSetActiveWithFlags**~~(Bool, UInt32) → OSStatus~~

Activates or deactivates your application's audio session; provides flags for use by other
audio sessions.

`Deprecated`

~~func~~ **AudioSessionSetProperty**~~(AudioSessionPropertyID, UInt32, UnsafeRaw~~
~~Pointer!) → OSStatus~~

Sets the value of a specified audio session property.

`Deprecated`

Callbacks

~~typealias~~ **AudioSessionInterruptionListener**

Invoked when an audio interruption in iOS begins or ends.

`Deprecated`

~~typealias~~ **AudioSessionPropertyListener**

Invoked when an audio session property changes in iOS.

`Deprecated`

Data Types

```
struct ExtendedControlEvent
```

```
typealias MIDIEndpointRef = MIDIObjectRef
```

A MIDI source or destination an entity owns.

~~typealias MagicCookieInfo~~

A structure holding magic cookie information.

Deprecated

```
typealias NoteInstanceID
```

```
typealias ReadBytesFDF
```

```
typealias ReadPacketDataFDF
```

```
typealias ReadPacketsFDF
```

```
typealias SetPropertyFDF
```

```
typealias SetUserDataFDF
```

```
typealias WriteBytesFDF
```

```
typealias WritePacketsFDF
```

~~typealias AudioSessionPropertyID~~

The data type for an audio session property identifier.

Deprecated

Constants

☰ Audio Unit Attenuation Properties

☰ Audio Unit Instrument Errors

☰ Anonymous

☰ Anonymous

☰ Audio Graph Errors

☰ Audio Converter Property ID

☰ Anonymous

☰ Anonymous

☰ Anonymous

☰ Anonymous

☰ Anonymous

☰ Anonymous

☰ Anonymous

☰ Music Device Properties

☰ 3D Mixer Audio Unit Properties

Properties for the Apple 3D Mixer audio unit.

`var` `kAudioSession_AudioRouteChangeKey_OldRoute:` `String`

`var` `AU_SUPPORT_INTERAPP_AUDIO:` `Int32`

☰ Hardware Codec Capabilities

A constant to determine which hardware codecs can be used.

☰ Deprecated Audio Codec Properties

☰ Deprecated Constants Used With kAudioCodecBitRateFormat

☰ Deprecated Constants Used With kAudioCodecOutputPrecedence

☰ Deprecated Constants Used With kAudioSettings_Hint

☰ Deprecated Audio Session Categories

Deprecated category identifiers for audio sessions. Do not use for new development.

Audio Graphs

☰ Audio Unit Processing Graph Services

Audio Unit Processing Graph Services provide interfaces for representing a set of audio units, connections between their inputs and outputs, and callbacks used to provide inputs. It also enables the embedding of sub (or child) processing graphs within parent graphs to allow for a logical organization of parts of an overall signal chain.