
QTCaptureAudioPreviewOutput Class Reference

[QuickTime](#) > [Cocoa](#)



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Apple Inc.
1 Infinite Loop
Cupertino, CA 95014
408-996-1010

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QTCaptureAudioPreviewOutput Class Reference

Inherits from	QTCaptureOutput : NSObject
Conforms to	NSObject (NSObject)
Framework	/System/Library/Frameworks/QTKit.framework
Availability	Available in Mac OS X v10.5 and later; QuickTime 7.2.1 and later.
Declared in	QTCaptureAudioPreviewOutput.h
Related sample code	QTRecorder

Overview

This class represents an output destination for a `QTCaptureSession` that can be used to preview the audio being captured. Instances of `QTCaptureAudioPreviewOutput` have an associated Core Audio output device that can be used to play audio being captured by the capture session. Note that the unique ID of a Core Audio device can be obtained from its `kAudioDevicePropertyDeviceUID` property. For more information about Core Audio, refer to the *Apple Core Audio Format Specification 1.0*.

Tasks

Getting and Setting Core Audio Output Devices

- [outputDeviceUniqueID](#) (page 6)
Returns the unique ID of the Core Audio output device being used to play preview audio.
- [setOutputDeviceUniqueID:](#) (page 6)
Sets the unique ID of the Core Audio output device being used to play preview audio.
- [setVolume:](#) (page 6)
Sets the preview volume of the output.
- [volume](#) (page 7)
Returns the preview volume of the output.

Instance Methods

outputDeviceUniqueID

Returns the unique ID of the Core Audio output device being used to play preview audio.

- (NSString *)outputDeviceUniqueID

Return Value

The unique ID of the Core Audio device used for preview, or `NIL` if the default system output device is being used.

Availability

Mac OS X v10.4 and later; QuickTime 7.2.1 and later.

Declared In

QTCaptureAudioPreviewOutput.h

setOutputDeviceUniqueID:

Sets the unique ID of the Core Audio output device being used to play preview audio.

- (void)setOutputDeviceUniqueID:(NSString *)*uniqueID*

Parameters

uniqueID

The unique ID of the Core Audio device to be used for output, or `NIL` if the default system output should be used.

Availability

Mac OS X v10.4 and later; QuickTime 7.2.1 and later.

Declared In

QTCaptureAudioPreviewOutput.h

setVolume:

Sets the preview volume of the output.

- (void)setVolume:(float)*volume*

Parameters

volume

The preview volume of the receiver, where 1.0 is the maximum volume and 0.0 is muted.

Availability

Mac OS X v10.4 and later; QuickTime 7.2.1 and later.

Declared In

QTCaptureAudioPreviewOutput.h

volume

Returns the preview volume of the output.

- (float)volume

Return Value

The preview volume of the receiver, where 1.0 is the maximum volume and 0.0 is muted.

Availability

Mac OS X v10.4 and later; QuickTime 7.2.1 and later.

Declared In

QTCaptureAudioPreviewOutput.h

Document Revision History

This table describes the changes to *QTCaptureAudioPreviewOutput Class Reference*.

Date	Notes
2009-04-08	Added availability information; fixed method declaration and parameter descriptions..
2007-07-19	New document that describes the Objective-C API for supporting and working with QuickTime Capture.
2006-08-07	New document that describes the Objective-C API for supporting and working with QuickTime Capture.

REVISION HISTORY

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