
QTCaptureLayer Class Reference

Audio & Video



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QTCaptureLayer Class Reference

Inherits from	CALayer : NSObject
Conforms to	NSCoding (CALayer) CAMediaTiming (CALayer) NSObject (NSObject)
Framework	/System/Library/Frameworks/QTKit.framework
Availability	Available in QuickTime 7.2.1 and later.
Declared in	QTCaptureLayer.h

Overview

This class provides a layer that displays video frames currently being captured from a device attached to the computer, and is intended to provide support for Core Animation, that is, drawing the contents of a capture session into a layer. `QTCaptureLayer` renders a capture session within a layer hierarchy.

Tasks

Creating Capture Layers

- + `layerWithSession:` (page 6)
Creates an autoreleased `QTCaptureLayer` associated with the specified `QTCaptureSession` object.
- `initWithSession:` (page 6)
Creates a `QTCaptureLayer` associated with the specified `QTCaptureSession` object.
- `session` (page 6)
Returns the capture session associated with a `QTCaptureLayer` object.
- `setSession:` (page 7)
Sets or resets the capture session associated with a `QTCaptureLayer` object.

Class Methods

layerWithSession:

Creates an autoreleased `QTCaptureLayer` associated with the specified `QTCaptureSession` object.

```
+ (id)layerWithSession:(QTCaptureSession *)session
```

Parameters

session

The session with which to create an autoreleased QuickTime capture layer object.

Discussion

By default, the movie starts playing immediately at rate 1.0 from the beginning of the movie. These default characteristics can be modified by setting layer properties or movie properties

Availability

Available in Mac OS X v10.5 and later.

Declared In

`QTCaptureLayer.h`

Instance Methods

initWithSession:

Creates a `QTCaptureLayer` associated with the specified `QTCaptureSession` object.

```
- (id)initWithSession:(QTCaptureSession *)session
```

Parameters

session

The session with which to initialize the QuickTime capture layer object.

Discussion

By default, the movie starts playing immediately at rate 1.0 from the beginning of the movie. These default characteristics can be modified by setting layer properties or movie properties.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`QTCaptureLayer.h`

session

Returns the capture session associated with a `QTCaptureLayer` object.

```
- (QTCaptureSession *)session
```

Parameters

session

The session returned by the QuickTime capture layer object.

Availability

Available in Mac OS X v10.5 and later.

Declared In

QTCaptureLayer.h

setSession:

Sets or resets the capture session associated with a QTCaptureLayer object.

- (void)setSession:(QTCaptureSession *)*session*

Parameters

session

The session set or reset by the QuickTime capture layer object.

Availability

Available in Mac OS X v10.5 and later.

Declared In

QTCaptureLayer.h

Document Revision History

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

Date	Notes
2009-05-20	Updated information regarding usage of visual contexts.
2009-04-06	Added parameter descriptions. Minor fixes.
2009-03-04	Added availability information; description of layer hierarchy; minor fixes.
2007-10-31	Fixed error in description of inheritance class path.
2007-07-19	New document that describes the Objective-C class for creating a QuickTime capture layer.

REVISION HISTORY

Document Revision History