
QTMovieLayer Class Reference

Audio & Video



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| | |
|----------------------------|--|
| 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 | QTMovieLayer.h |
| Related sample code | CALayerEssentials Core Animation QuickTime Layer |

Overview

This class provides a layer into which the frames of a `QTMovie` can be drawn, and is intended to provide support for Core Animation, that is, drawing the contents of a movie into a layer. `QTMovieLayer` renders a `QTMovie` within a layer hierarchy. Note that this class requires rendering using visual contexts. Do not attempt to directly modify the `contents` property of an `QTMovieLayer` object. Doing so will effectively turn it into a regular `CALayer`.

Tasks

Creating Movie Layers

- + `layerWithMovie:` (page 6)
Creates an autoreleased `QTMovieLayer` associated with the specified `QTMovie` object.
- `initWithMovie:` (page 6)
Creates a `QTMovieLayer` associated with the specified `QTMovie` object.
- `movie` (page 7)
Returns the movie associated with a `QTMovieLayer` object.
- `setMovie:` (page 7)
Sets the `QTMovie` object in a `QTMovieLayer` to `movie`.

Class Methods

layerWithMovie:

Creates an autoreleased `QTMovieLayer` associated with the specified `QTMovie` object.

```
+ (id)layerWithMovie:(QTMovie *)movie
```

Parameters

movie

The QuickTime movie with which to create an autoreleased QuickTime 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

Mac OS X v10.5 and later.

Related Sample Code

CALayerEssentials

Core Animation QuickTime Layer

Declared In

`QTMovieLayer.h`

Instance Methods

initWithMovie:

Creates a `QTMovieLayer` associated with the specified `QTMovie` object.

```
- (id)initWithMovie:(QTMovie *)movie
```

Parameters

movie

The QuickTime movie with which to initialize the QuickTime layer object.

Discussion

This is the designated initializer. 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

Mac OS X v10.5 and later.

Declared In

`QTMovieLayer.h`

movie

Returns the movie associated with a QTMovieLayer object.

- (QTMovie *)movie

Availability

Mac OS X v10.5 and later.

Declared In

QTMovieLayer.h

setMovie:

Sets the QTMovie object in a QTMovieLayer to *movie*.

- (void)setMovie:(QTMovie *)movie

Discussion

The currently set QuickTime movie is disposed of using `DisposeMovie`, unless the QTMovie was created with a call to `initWithQuickTimeMovie` and the `disposeWhenDone` flag was `NO`.

Availability

Available in Mac OS X v10.5 and later.

Declared In

QTMovieLayer.h

Document Revision History

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

| Date | Notes |
|------------|---|
| 2009-05-20 | Updated information on modifying contents property of QTMovieLayer object. |
| 2009-04-06 | Fixed warning information. Added parameter descriptions. Minor fixes. |
| 2009-03-04 | Added explanation of layer hierarchy; fixed class inheritance path. |
| 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 movie layer. |

REVISION HISTORY

Document Revision History