QTMovieLayer Class Reference

QuickTime > Cocoa

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Contents

QTMovieLayer Class Reference 5

Overview 5
Tasks 5
  Creating Movie Layers 5
Class Methods 6
  layerWithMovie: 6
Instance Methods 6
  initWithMovie: 6
  movie 7

Document Revision History 9

Index 11

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QTMovieLayer 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	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.

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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

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`

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movie

Returns the movie associated with a `QTMovieLayer` object.

```
- (QTMovie *)movie
```

Availability
Mac OS X v10.5 and later.

Declared In
`QTMovieLayer.h`

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Document Revision History

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

Date	Notes
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.

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Document Revision History

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Index

I

`initWithMovie:` instance method 6

L

`layerWithMovie:` class method 6

M

`movie` instance method 7

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