CALayoutManager Protocol Reference

Graphics & Animation: Animation



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CALayoutManager Protocol Reference

(informal protocol)

Framework /System/Library/Frameworks/QuartzCore.framework

Declared in CALayer.h

Companion guides Core Animation Programming Guide

Core Animation Cookbook

Overview

CALayoutManager is an informal protocol implemented by Core Animation layout managers. If a layer's sublayers require custom layout you create a class that implements this protocol and set it as the layer's layout manager using the CALayer method setLayoutManager:. Your custom layout manager is then used when the layer invokes setNeedsLayout or layoutSublayers.

Tasks

Layout Layers

layoutSublayersOfLayer: (page 5)
 Layout each of the sublayers in the specified layer.

Instance Methods

layoutSublayersOfLayer:

Layout each of the sublayers in the specified layer.

- (void)layoutSublayersOfLayer:(CALayer *) layer

Parameters

layer

The layer that requires layout of its sublayers.

Discussion

This method is called when the sublayers of the <code>layer</code> may need rearranging, and is typically called when a sublayer has changed its size. The receiver is responsible for changing the frame of each sublayer that requires layout.

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CALayoutManager Protocol Reference

Availability Available in iOS 3.0 and later.

Declared In

CALayer.h

Document Revision History

This table describes the changes to CALayoutManager Protocol Reference.

Date	Notes
2007-07-24	New document that describes the informal protocol used by Core Animation to visually layout sublayers.

REVISION HISTORY

Document Revision History