
CIFilter Core Animation Additions

[Graphics & Imaging](#) > Quartz



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CIFilter Core Animation Additions

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Conforms to	NSCoding NSCopying NSObject (NSObject)
Framework	/System/Library/Frameworks/QuartzCore.framework
Declared in	CACIFilterAdditions.h
Companion guides	Core Animation Programming Guide Core Animation Cookbook Core Image Programming Guide

Overview

Core Animation adds two additional properties to the `CIFilter` class. These properties are accessible through key-value coding as well as the properties declared below.

Tasks

Naming Filter Instances

[name](#) (page 6) *property*

The name of the receiver.

Enabling Filter Instances

[enabled](#) (page 6) *property*

Determines if the receiver is enabled. Animatable.

- [isEnabled](#) (page 6)

A synthesized accessor for the [enabled](#) (page 6) property.

Properties

For more about Objective-C properties, see “Properties” in *The Objective-C 2.0 Programming Language*.

enabled

Determines if the receiver is enabled. Animatable.

```
@property BOOL enabled
```

Discussion

The receiver is applied to its input when this property is set to YES. Default is YES.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CACIFilterAdditions.h

name

The name of the receiver.

```
@property(copy) NSString *name
```

Discussion

Default is nil. Each `CIFilter` instance can have an assigned name. The name is used to construct key paths to the filter’s attributes. For example, if a `CIFilter` instance has the name “myExposureFilter”, you refer to attributes of the filter using a key path such as “filters.myExposureFilter.inputEV”. Layer animations may also access filter attributes via these key paths.

Availability

Available in Mac OS X v10.5 and later.

Declared In

CACIFilterAdditions.h

Instance Methods

isEnabled

A synthesized accessor for the [enabled](#) (page 6) property.

```
- (BOOL)isEnabled
```

See Also

[@property enabled](#) (page 6)

Document Revision History

This table describes the changes to *CIFilter Core Animation Additions*.

Date	Notes
2007-07-24	New document that describes the category that extends Core Image filters for use with Core Animation.

REVISION HISTORY

Document Revision History

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