IKFilterUIView Class Reference

Graphics & Imaging > Quartz

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Apple Inc.
1 Infinite Loop
Cupertino, CA 95014
408-996-1010

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IKFilterUIView Class Reference

Inherits from	NSView : NSResponder : NSObject
Conforms to	NSAnimatablePropertyContainer (NSView) NSCoding (NSResponder) NSObject (NSObject)
Framework	System/Library/Frameworks/Quartz.framework/ImageKit.framework
Availability	Available in Mac OS X v10.5 and later.
Declared in	IKFilterUIView.h

Overview

The `IKFilterUIView` class provides a view that contains input parameter controls for a Core Image filter (`CIFilter`). You need to use this class when providing a user interface for a custom filter. The class creates a view that has an object controller for the given filter. It also retains the filter.

Tasks

Creating and Initializing a Filter UI View

`+ viewWithFrame:filter:` (page 6)
Creates a view that contains controls for the input parameters of a filter.

`- initWithFrame:filter:` (page 6)
Initializes a view that contains controls for the input parameters of a filter.

Getting Data from the Filter View

`- filter` (page 6)
Returns the Core Image filter associated with the view.

`- objectController` (page 7)
Returns the object controller for the bindings between the filter and its view.

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Class Methods

viewWithFrame:filter:

Creates a view that contains controls for the input parameters of a filter.

```
+ (id)viewWithFrame:(NSRect)frameRect filter:(CIFilter *)inFilter
```

Parameters

frameRect

The rectangle that defines the area of the view.

inFilter

A Core Image filter. The view retains the filter.

Return Value

An `IKFilterUIView` object that contains controls for the input parameters of the provided filter.

Availability

Available in Mac OS X v10.5 and later.

See Also

`- initWithFrame:filter:` (page 6)

Declared In

`IKFilterUIView.h`

Instance Methods

filter

Returns the Core Image filter associated with the view.

```
- (CIFilter *)filter
```

Return Value

The Core Image filter associated with the view.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`IKFilterUIView.h`

initWithFrame:filter:

Initializes a view that contains controls for the input parameters of a filter.

```
- (id)initWithFrame:(NSRect)frameRect filter:(CIFilter *)inFilter
```


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Parameters

frameRect

The rectangle that defines the area of the view.

inFilter

A Core Image filter. The view retains the filter.

Return Value

The `IKFilterUIView` object initialized with controls for the input parameters of the provided filter.

Availability

Available in Mac OS X v10.5 and later.

See Also

`+ viewWithFrame:filter:` (page 6)

Declared In

`IKFilterUIView.h`

objectController

Returns the object controller for the bindings between the filter and its view.

```
- (NSObjectController *)objectController
```

Return Value

The object controller for the bindings between the filter and its view.

Availability

Available in Mac OS X v10.5 and later.

Declared In

`IKFilterUIView.h`

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Document Revision History

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

Date	Notes
2006-12-06	New document that describes the class used to provide a user interface for Core Image filters.

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