
NSCIImageRep Class Reference

[Cocoa > Graphics & Imaging](#)





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NSCIImageRep Class Reference

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|----------------------------|--|
| Inherits from | NSImageRep : NSObject |
| Conforms to | NSCoding (NSImageRep) NSCopying (NSImageRep) NSObject (NSObject) |
| Framework | /System/Library/Frameworks/AppKit.framework |
| Availability | Available in Mac OS X v10.4 and later. |
| Companion guide | Cocoa Drawing Guide |
| Declared in | NSCIImageRep.h |
| Related sample code | Reducer |

Overview

An NSCIImageRep object can render an image from a Core Image CIIImage instance. For more information about the CIIImage class and Core Image, see *Core Image Programming Guide*.

Tasks

Initialization

- + [imageRepWithCIIImage: \(page 6\)](#)
Creates and returns an NSCIImageRep object initialized to the specified CIIImage instance.
- [initWithCIIImage: \(page 6\)](#)
Returns an NSCIImageRep object initialized to the specified CIIImage instance.

Returning an Image

- [CIIImage \(page 6\)](#)
Returns the receiver's CIIImage instance.

Class Methods

imageRepWithCIImage:

Creates and returns an `NSCIImageRep` object initialized to the specified `CIImage` instance.

```
+ (id)imageRepWithCIImage:(CIImage *)image
```

Parameters

image

The `CIImage` instance.

Return Value

An initialized `NSCIImageRep` object, or `nil` if the object could not be initialized.

Availability

Available in Mac OS X v10.4 and later.

Related Sample Code

Reducer

Declared In

`NSCIImageRep.h`

Instance Methods

CIImage

Returns the receiver's `CIImage` instance.

```
- (CIImage *)CIImage
```

Return Value

The `CIImage` instance.

Availability

Available in Mac OS X v10.4 and later.

Declared In

`NSCIImageRep.h`

initWithCIImage:

Returns an `NSCIImageRep` object initialized to the specified `CIImage` instance.

```
- (id)initWithCIImage:(CIImage *)image
```

Parameters

image

The `CIImage` instance.

Return Value

An initialized `NSCIImageRep` object, or `nil` if the object could not be initialized.

Availability

Available in Mac OS X v10.4 and later.

Declared In

`NSCIImageRep.h`

Document Revision History

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

| Date | Notes |
|------------|---|
| 2007-01-15 | Updated for Mac OS X v10.5. |
| 2006-05-23 | First publication of this content as a separate document. |

REVISION HISTORY

Document Revision History

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