
NSPICIImageRep Class Reference

[Cocoa](#) > [Graphics & Imaging](#)





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NSPICTImageRep Class Reference

Inherits from	NSImageRep : NSObject
Conforms to	NSCoding (NSImageRep) NSCopying (NSImageRep) NSObject (NSObject)
Framework	/System/Library/Frameworks/AppKit.framework
Availability	Available in Mac OS X v10.0 and later.
Companion guide	Cocoa Drawing Guide
Declared in	NSPICTImageRep.h
Related sample code	bMoviePalette bMoviePaletteCocoa

Overview

An `NSPICTImageRep` object renders an image from a PICT format data stream as described in the Carbon QuickDraw Manager documentation. This class can render PICT format version 1, version 2, and extended version 2 pictures.

 **Warning:** There is no guarantee that the image will render exactly the same as it would under QuickDraw because of the differences between the display medium and QuickDraw. In particular, some transfer modes and region operations may not be supported.

Tasks

Creating an NSPICTImageRep

- + `imageRepWithData:` (page 6)
Creates and returns an `NSPICTImageRep` object initialized with the specified data.
- `initWithData:` (page 7)
Returns an `NSPICTImageRep` object initialized with the specified data.

Getting Image Data

- [boundingBox](#) (page 6)
Returns the rectangle that bounds the receiver.
- [PICTRepresentation](#) (page 7)
Returns the receiver's PICT data.

Class Methods

imageRepWithData:

Creates and returns an NSPICTImageRep object initialized with the specified data.

```
+ (id)imageRepWithData:(NSData *)pictData
```

Parameters

pictData

A data object containing the PICT data.

Return Value

An initialized NSPICTImageRep or nil if the object could not be initialized. Initialization may fail if the data does not conform to the PICT file format.

Availability

Available in Mac OS X v10.0 and later.

See Also

- [PICTRepresentation](#) (page 7)
- [initWithData:](#) (page 7)

Related Sample Code

bMoviePalette

bMoviePaletteCocoa

Declared In

NSPICTImageRep.h

Instance Methods

boundingBox

Returns the rectangle that bounds the receiver.

```
- (NSRect)boundingBox
```

Return Value

The rectangle bounding the receiver. This rectangle is obtained from the the *picFrame* field in the picture header. See the Carbon QuickDraw Manager documentation for information on the picture header

Availability

Available in Mac OS X v10.0 and later.

Declared In

NSPICIImageRep.h

initWithData:

Returns an NSPICIImageRep object initialized with the specified data.

```
- (id)initWithData:(NSData *)pictData
```

Parameters

pictData

A data object containing the PICT data.

Return Value

An initialized NSPICIImageRep or nil if the object could not be initialized. Initialization may fail if the data does not conform to the PICT file format.

Discussion

If the PICT data is obtained directly from a PICT file or document, this method ignores most of the 512-byte header that occurs before the start of the actual picture data. It may retrieve some relevant meta information from the header.

Availability

Available in Mac OS X v10.0 and later.

See Also

- + [imageRepWithData:](#) (page 6)
- [PICTRepresentation](#) (page 7)

Declared In

NSPICIImageRep.h

PICTRepresentation

Returns the receiver's PICT data.

```
- (NSData *)PICTRepresentation
```

Return Value

A data object containing the PICT data. The returned data does not include the 512-byte header, if it was present in the original data. If you want to write the returned data to a file, you must precede it with a 512-byte header (containing all zeros) if you want to conform to the PICT document format.

Availability

Available in Mac OS X v10.0 and later.

Declared In

NSPICIImageRep.h

Document Revision History

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

Date	Notes
2007-01-26	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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B

`boundingBox` **instance method** [6](#)

I

`imageRepWithData:` **class method** [6](#)

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`PICTRepresentation` **instance method** [7](#)