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# NSPDFImageRep Class Reference

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





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# NSPDFImageRep Class Reference

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

## Overview

An NSPDFImageRep object can render an image from a PDF format data stream.

## Tasks

### Creating an NSPDFImageRep

- + [imageRepWithData:](#) (page 6)  
Creates and returns an NSPDFImageRep object initialized with the specified PDF data.
- [initWithData:](#) (page 7)  
Returns an NSPDFImageRep object initialized with the specified PDF data.

### Getting Image Data

- [bounds](#) (page 6)  
Returns the receiver's bounding rectangle.
- [currentPage](#) (page 7)  
Gets the page currently displayed by the image representation.

- [pageCount](#) (page 7)  
Returns the number of pages in the receiver.
- [PDFRepresentation](#) (page 8)  
Returns the PDF representation of the receiver's image.
- [setCurrentPage:](#) (page 8)  
Sets the page to display to the specified value.

## Class Methods

### **imageRepWithData:**

Creates and returns an `NSPDFImageRep` object initialized with the specified PDF data.

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

#### **Parameters**

*pdfData*

A data object containing the PDF data for the image.

#### **Return Value**

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

#### **Availability**

Available in Mac OS X v10.0 and later.

#### **See Also**

- [initWithData:](#) (page 7)
- [PDFRepresentation](#) (page 8)

#### **Declared In**

`NSPDFImageRep.h`

## Instance Methods

### **bounds**

Returns the receiver's bounding rectangle.

```
- (NSRect)bounds
```

#### **Return Value**

The bounding rectangle. This value is equivalent to the crop box specified by the PDF data.

#### **Availability**

Available in Mac OS X v10.0 and later.

### Related Sample Code

PDFView

### Declared In

NSPDFImageRep.h

## currentPage

Gets the page currently displayed by the image representation.

- (NSInteger)currentPage

### Return Value

A zero-based index indicating the page being displayed.

### Availability

Available in Mac OS X v10.0 and later.

### See Also

- [setCurrentPage:](#) (page 8)

### Declared In

NSPDFImageRep.h

## initWithData:

Returns an NSPDFImageRep object initialized with the specified PDF data.

- (id)initWithData:(NSData \*)pdfData

### Parameters

*pdfData*

A data object containing the PDF data for the image.

### Return Value

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

### Availability

Available in Mac OS X v10.0 and later.

### See Also

+ [imageRepWithData:](#) (page 6)

- [PDFRepresentation](#) (page 8)

### Declared In

NSPDFImageRep.h

## pageCount

Returns the number of pages in the receiver.

- (NSInteger)pageCount

**Return Value**

The number of pages in the PDF data.

**Availability**

Available in Mac OS X v10.0 and later.

**Related Sample Code**

PDFView

**Declared In**

NSPDFImageRep.h

## PDFRepresentation

Returns the PDF representation of the receiver's image.

- (NSData \*)PDFRepresentation

**Return Value**

The PDF data used to create the receiver.

**Availability**

Available in Mac OS X v10.0 and later.

**Declared In**

NSPDFImageRep.h

## setCurrentPage:

Sets the page to display to the specified value.

- (void)setCurrentPage:(NSInteger)page

**Parameters**

*page*

A zero-based index indicating the page you want to display.

**Availability**

Available in Mac OS X v10.0 and later.

**See Also**

- [currentPage](#) (page 7)

**Related Sample Code**

PDFView

**Declared In**

NSPDFImageRep.h



# Document Revision History

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This table describes the changes to *NSPDFImageRep 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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