API Collection

Images and PDF

Create and manage images, in bitmap, PDF, and other formats.

Topics

Images

📄 Providing images for different appearances

Supply image resources appropriate for light and dark appearances and for high-contrast environments.

📄 Supporting Continuity Camera in Your Mac App

Incorporate scanned documents and pictures from a user's iPhone, iPad, or iPod touch into your Mac app using Continuity Camera.

{} Supporting HDR images in your app

 Load, display, edit, and save HDR images using SwiftUI and Core Image.

📄 Applying Apple HDR effect to your photos

You can decode and apply Apple's HDR gain map to your own images.

`class` `NSImage`

A high-level interface for manipulating image data.

`protocol` `NSImageDelegate`

A set of optional methods that you can use to respond to drawing failures and manage incremental loads.

`class` `NSImageRep`

A semiabstract superclass that provides subclasses that you use to draw an image from a particular type of source data.

Bitmap Formats

class `NSBitmapImageRep`

An object that renders an image from bitmap data.

class `NSCIImageRep`

An object that can render an image from a Core Image object.

class `NSPICTImageRep`

An object that renders an image from a PICT format data stream of version 1, version 2, and extended version 2.

Vector Formats

class `NSPDFImageRep`

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

class `NSPDFInfo`

An object that stores information associated with the creation of a PDF file, such as its URL, tag names, page orientation, and paper size.

class ~~NSEPSImageRep~~

An object that can render an image from encapsulated PostScript (EPS) code.

Deprecated

Custom Formats

class `NSCustomImageRep`

An object that uses a delegate object to render an image from a custom format.

See Also

Graphics, Drawing, Color, and Printing

☰ **Drawing**

Draw shapes, images, and other content on the screen.

☰ **Color**

Represent colors using built-in or custom formats, and give users options for selecting and applying colors.

☰ **Printing**

Display the system print panels and manage the printing process.