
IKSlideshow Class Reference

Graphics & Animation: 2D Drawing



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IKSlideshow Class Reference

Inherits from	NSObject
Conforms to	NSObject (NSObject)
Framework	System/Library/Frameworks/Quartz.framework/ImageKit.framework
Availability	Available in Mac OS X v10.5 and later.
Declared in	IKSlideshow.h
Related sample code	ImageKitDemo

Overview

The `IKSlideshow` class encapsulates a data source and options for a slideshow.

Tasks

Creating a Shared Instance of a Slideshow

- + `sharedSlideshow` (page 7)
Returns a shared instance of a slideshow.

Running and Stopping a Slideshow

- `runSlideshowWithDataSource:inMode:options:` (page 9)
Runs a slideshow that contains the specified kind of items, provided from a data source.
- `stopSlideshow:` (page 9)
Stops a slideshow.
- `autoplayDelay` (page 6) *property*
Controls the interval of time before a slideshow starts to play automatically.

Getting Slideshow Data

- [indexOfCurrentSlideshowItem](#) (page 8)
Returns the index of the current slideshow item.

Reloading Data

- [reloadData](#) (page 8)
Reloads the data for a slideshow.
- [reloadSlideshowItemAtIndex:](#) (page 8)
Reloads the data for a slideshow, starting at the specified index.

Exporting Slideshow Items

- + [canExportToApplication:](#) (page 6)
Finds out whether the slideshow can export its contents to an application.
- + [exportSlideshowItem:toApplication:](#) (page 7)
Exports a slideshow item to the application that has the provided bundle identifier.

Properties

For more about Objective-C properties, see “Properties” in *The Objective-C Programming Language*.

autoplayDelay

Controls the interval of time before a slideshow starts to play automatically.

```
@property NSTimeInterval autoplayDelay
```

Availability

Available in Mac OS X v10.5 and later.

Declared In

IKSlideshow.h

Class Methods

canExportToApplication:

Finds out whether the slideshow can export its contents to an application.

```
+ (BOOL)canExportToApplication:(NSString *)applicationBundleIdentifier
```

Parameters*applicationBundleIdentifier*

The bundle identifier of the application that you want to export the slideshow to. See “[Bundle Identifiers](#)” (page 10).

Return Value

YES if the slideshow can be exported to the specified application; NO otherwise.

Availability

Available in Mac OS X v10.5 and later.

See Also

+ [exportSlideshowItem:toApplication:](#) (page 7)

Declared In

IKSlideshow.h

exportSlideshowItem:toApplication:

Exports a slideshow item to the application that has the provided bundle identifier.

```
+ (void)exportSlideshowItem:(id)item toApplication:(NSString
    *)applicationBundleIdentifier
```

Parameters*item*

The item to export

applicationBundleIdentifier

The bundle identifier of the application that you want to export the item to.

Availability

Available in Mac OS X v10.5 and later.

See Also

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

Declared In

IKSlideshow.h

sharedSlideshow

Returns a shared instance of a slideshow.

```
+ (IKSlideshow *)sharedSlideshow
```

Return Value

A slideshow object.

Availability

Available in Mac OS X v10.5 and later.

Related Sample Code

ImageKitDemo

Declared In
IKSlideshow.h

Instance Methods

indexOfCurrentSlideshowItem

Returns the index of the current slideshow item.

- (NSInteger)indexOfCurrentSlideshowItem

Return Value

The index of the current item in the slideshow.

Availability

Available in Mac OS X v10.5 and later.

Related Sample Code

ImageKitDemo

Declared In

IKSlideshow.h

reloadData

Reloads the data for a slideshow.

- (void)reloadData

Availability

Available in Mac OS X v10.5 and later.

See Also

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

Declared In

IKSlideshow.h

reloadSlideshowItemAtIndex:

Reloads the data for a slideshow, starting at the specified index.

- (void)reloadSlideshowItemAtIndex:(NSInteger) *index*

Parameters

index

The index that species where to reload the slideshow data.

Availability

Available in Mac OS X v10.5 and later.

See Also

- [reloadData](#) (page 8)

Declared In

IKSlideshow.h

runSlideshowWithDataSource:inMode:options:

Runs a slideshow that contains the specified kind of items, provided from a data source.

```
- (void)runSlideshowWithDataSource:(id < IKSlideshowDataSource >)dataSource
    inMode:(NSString *)slideshowMode options:(NSDictionary *)slideshowOptions
```

Parameters

dataSource

The data source to use for the slideshow.

slideshowMode

A constant that indicate what kind of items are in the slideshow—`IKSlideshowModeImages`, `IKSlideshowModePDF`, or `IKSlideshowModeQuickLook`. See “[Slideshow Modes](#)” (page 10).

slideshowOptions

A dictionary of slideshow options. See “[Slideshow Option Keys](#)” (page 11).

Availability

Available in Mac OS X v10.5 and later.

See Also

- [stopSlideshow:](#) (page 9)

Related Sample Code

ImageKitDemo

Declared In

IKSlideshow.h

stopSlideshow:

Stops a slideshow.

```
- (void)stopSlideshow:(id)sender
```

Parameters

sender

The object sending the message to stop the slideshow.

Discussion

This method is invoked when the user clicks a button or issues a stop command.

Availability

Available in Mac OS X v10.5 and later.

See Also

- [runSlideshowWithDataSource:inMode:options:](#) (page 9)

Declared In
IKSlideshow.h

Constants

Bundle Identifiers

Identifiers for exporting slideshow items to an application.

```
NSString *const IK_iPhotoBundleIdentifier;
NSString *const IK_AperatureBundleIdentifier;
NSString *const IK_MailBundleIdentifier;
```

Constants

`IK_iPhotoBundleIdentifier`
The iPhoto application—com.apple.iPhoto.
Available in Mac OS X v10.5 and later.
Declared in `IKSlideshow.h`.

`IK_AperatureBundleIdentifier`
The Aperature application—com.apple.Aperature.
Available in Mac OS X v10.6 and later.
Declared in `IKSlideshow.h`.

`IK_MailBundleIdentifier`
The Mail application—com.apple.mail.
Available in Mac OS X v10.6 and later.
Declared in `IKSlideshow.h`.

Slideshow Modes

The kind of items in the slideshow.

```
NSString *const IKSlideshowModeImages;
NSString *const IKSlideshowModePDF;
NSString *const IKSlideshowModeOther;
```

Constants

`IKSlideshowModeImages`
All items in the slideshow are images.
Available in Mac OS X v10.5 and later.
Declared in `IKSlideshow.h`.

`IKSlideshowModePDF`
All items in the slideshow are PDF documents.
Available in Mac OS X v10.5 and later.
Declared in `IKSlideshow.h`.

IKSlideshowModeOther

There are a mixture of items in the slideshow (image, PDF, text, HTML, and so on).

Available in Mac OS X v10.5 and later.

Declared in `IKSlideshow.h`.

Slideshow Option Keys

Keys for slideshow options.

```
NSString *const IKSlideshowWrapAround;
NSString *const IKSlideshowStartPaused;
NSString *const IKSlideshowStartIndex;
NSString *const IKSlideshowPDFDisplayBox;
NSString *const IKSlideshowPDFDisplayMode;
NSString *const IKSlideshowPDFDisplaysAsBook;
NSString *const IKSlideshowScreen;
NSString *const IKSlideshowAudioFile;
```

Constants

IKSlideshowWrapAround

A key for starting the slideshow over after the last slide shows. The associated value is a `Boolean` data type.

Available in Mac OS X v10.5 and later.

Declared in `IKSlideshow.h`.

IKSlideshowStartPaused

A key for starting in a paused state. The associated value is a `Boolean` data type.

Available in Mac OS X v10.5 and later.

Declared in `IKSlideshow.h`.

IKSlideshowStartIndex

A key for the slideshow item index. The associated value is an index.

Available in Mac OS X v10.5 and later.

Declared in `IKSlideshow.h`.

IKSlideshowPDFDisplayBox

A key for the PDF display box. The associated value is a type of display box, such as `kPDFDisplayBoxMediaBox` or `kPDFDisplayBoxMediaBox`. See *PDFPage Class Reference* for more information.

Available in Mac OS X v10.5 and later.

Declared in `IKSlideshow.h`.

IKSlideshowPDFDisplayMode

A key for the PDF display mode. The associated value is a PDF display mode constant, such as `kPDFDisplaySinglePage` or `kPDFDisplayTwoUp`. See *PDFView Class Reference* for more information.

Available in Mac OS X v10.5 and later.

Declared in `IKSlideshow.h`.

IKSlideshowPDFDisplaysAsBook

A key for displaying the slideshow as a book. The associated value is a `Boolean` data type.

Available in Mac OS X v10.5 and later.

Declared in `IKSlideshow.h`.

IKSlideshowScreen

A key specifying the screen on which the slideshow is displayed. The associated value is an `NSScreen` object. By default `mainScreen` is used.

Available in Mac OS X v10.6 and later.

Declared in `IKSlideshow.h`.

IKSlideshowAudioFile

A key specifying the audio file played during the slideshow. The associated value is an `NSURL` object.

Available in Mac OS X v10.6 and later.

Declared in `IKSlideshow.h`.

Document Revision History

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

Date	Notes
2009-06-02	Updated for Mac OS X v10.6. New constants for screen and audio playback.
2007-10-31	New document that describes the class that encapsulates a data source and options for a slideshow.

REVISION HISTORY

Document Revision History