

# IKSlideshow Class Reference



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# IKSlideshow Class Reference

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

---

## Overview

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

## Tasks

### Creating a Shared Instance of a Slideshow

---

- + [sharedSlideshow](#) (page 6)  
Returns a shared instance of a slideshow.

### Running and Stopping a Slideshow

---

- [runSlideshowWithDataSource:inMode:options:](#) (page 7)  
Runs a slideshow that contains the specified kind of items, provided from a data source.
- [stopSlideshow:](#) (page 8)  
Stops a slideshow.
- [autoPlayDelay](#) (page 4) *property*  
Controls the interval of time before a slideshow starts to play automatically.

## Getting Slideshow Data

---

- [indexOfCurrentSlideshowItem](#) (page 6)  
Returns the index of the current slideshow item.

## Reloading Data

---

- [reloadData](#) (page 6)  
Reloads the data for a slideshow.
- [reloadSlideshowItemAtIndex:](#) (page 7)  
Reloads the data for a slideshow, starting at the specified index.

## Exporting Slideshow Items

---

- + [canExportToApplication:](#) (page 5)  
Finds out whether the slideshow can export its contents to an application.
- + [exportSlideshowItem:toApplication:](#) (page 5)  
Exports a slideshow item to the application that has the provided bundle identifier.

# Properties

## autoPlayDelay

---

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

@property NSTimeInterval autoPlayDelay

### Availability

Available in 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 8).

#### **Return Value**

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

#### **Availability**

Available in OS X v10.5 and later.

#### **See Also**

+ [exportSlideshowItem:toApplication:](#) (page 5)

#### **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 OS X v10.5 and later.

#### **See Also**

+ [canExportToApplication:](#) (page 5)

**Declared in**  
IKSlideshow.h

## sharedSlideshow

---

*Returns a shared instance of a slideshow.*

+ (IKSlideshow \*)sharedSlideshow

**Return Value**  
A slideshow object.

**Availability**  
Available in OS X v10.5 and later.

**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 OS X v10.5 and later.

**Declared in**  
IKSlideshow.h

### reloadData

---

*Reloads the data for a slideshow.*

– (void)reloadData

### Availability

Available in OS X v10.5 and later.

### See Also

– [reloadSlideshowItemAtIndex:](#) (page 7)

### Declared in

IKSlideshow.h

---

## reloadSlideshowItemAtIndex:

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

– (void)reloadSlideshowItemAtIndex:(NSUInteger) index

### Parameters

index

The index that species where to reload the slideshow data.

### Availability

Available in OS X v10.5 and later.

### See Also

– [reloadData](#) (page 6)

### 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 9).

`slideshowOptions`

A dictionary of slideshow options. See “[Slideshow Option Keys](#)” (page 10).

### Availability

Available in OS X v10.5 and later.

### See Also

– [stopSlideshow:](#) (page 8)

### 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 OS X v10.5 and later.

### See Also

– [runSlideshowWithDataSource:inMode:options:](#) (page 7)

### Declared in

IKSlideshow.h

## Constants

### Bundle Identifiers

---

*Identifiers for exporting slideshow items to an application.*



```
NSString *const IK_iPhotoBundleIdentifier;  
NSString *const IK_ApertureBundleIdentifier;  
NSString *const IK_MailBundleIdentifier;
```

### Constants

`IK_iPhotoBundleIdentifier`

The iPhoto application—`com.apple.iPhoto`.

Available in OS X v10.5 and later.

Declared in `IKSlideshow.h`.

`IK_ApertureBundleIdentifier`

The Aperture application—`com.apple.Aperture`.

Available in OS X v10.6 and later.

Declared in `IKSlideshow.h`.

`IK_MailBundleIdentifier`

The Mail application—`com.apple.mail`.

Available in 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 OS X v10.5 and later.

Declared in `IKSlideshow.h`.

`IKSlideshowModePDF`

All items in the slideshow are PDF documents.

Available in 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 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 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 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 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 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 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 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 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 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 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.



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