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# UIImageEditPanelDataSource Protocol Reference

Graphics & Animation: 2D Drawing



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## **Document Revision History 9**

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# IKImageEditPanelDataSource Protocol Reference

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<b>Framework</b>	System/Library/Frameworks/Quartz.framework/ImageKit.framework
<b>Availability</b>	Available in Mac OS X v10.5 and later.
<b>Companion guide</b>	Image Kit Programming Guide
<b>Declared in</b>	IKImageEditPanel.h

## Overview

The `IKImageEditPanelDataSource` protocol describes the methods that an `IKImageEditPanel` object uses to access the contents of its data source object.

## Tasks

### Getting and Setting Image Properties

- [imageProperties](#) (page 7)  
Returns a dictionary of the image properties associated with the image in the image edit panel.
- [setImage:imageProperties:](#) (page 7) *required method*  
Sets an image with the specified properties. (required)

### Getting Images From the Data Source

- [image](#) (page 7) *required method*  
Returns an image. (required)
- [thumbnailWithMaximumSize:](#) (page 8)  
Returns a thumbnail image whose size is no larger than the specified size.

### New Methods

- [hasAdjustMode](#) (page 6)  
Returns whether the adjust mode view tab should be displayed.

- [hasDetailsMode](#) (page 6)  
Returns whether the details mode view tab should be displayed.
- [hasEffectsMode](#) (page 6)  
Returns whether the effects mode view tab should be displayed.

## Instance Methods

### hasAdjustMode

Returns whether the adjust mode view tab should be displayed.

- (BOOL)hasAdjustMode

#### Return Value

YES if the tab should be displayed, otherwise NO.

#### Availability

Available in Mac OS X v10.6 and later.

#### Declared In

IKImageEditPanel.h

### hasDetailsMode

Returns whether the details mode view tab should be displayed.

- (BOOL)hasDetailsMode

#### Return Value

YES if the tab should be displayed, otherwise NO.

#### Availability

Available in Mac OS X v10.6 and later.

#### Declared In

IKImageEditPanel.h

### hasEffectsMode

Returns whether the effects mode view tab should be displayed.

- (BOOL)hasEffectsMode

#### Return Value

YES if the tab should be displayed, otherwise NO.

#### Availability

Available in Mac OS X v10.6 and later.

**Declared In**

IKImageEditPanel.h

## image

Returns an image. (required)

- (CGImageRef)image

**Return Value**

An image.

**Discussion**

Your data source must implement this method.

**Availability**

Available in Mac OS X v 10.5 and later.

**Declared In**

IKImageEditPanel.h

## imageProperties

Returns a dictionary of the image properties associated with the image in the image edit panel.

- (NSDictionary \*)imageProperties

**Return Value**

A dictionary that contains the properties of the image.

**Availability**

Available in Mac OS X v 10.5 and later.

**See Also**

- [setImage:imageProperties](#) (page ?)

**Declared In**

IKImageEditPanel.h

## setImage:imageProperties:

Sets an image with the specified properties. (required)

- (void)setImage:(CGImageRef)image imageProperties:(NSDictionary \*)metaData

**Discussion**

Your data source must implement this method.

**Availability**

Available in Mac OS X v 10.5 and later.

**See Also**

- [imageProperties](#) (page ?)

**Declared In**

IKImageEditPanel.h

**thumbnailWithMaximumSize:**

Returns a thumbnail image whose size is no larger than the specified size.

- (CGImageRef)thumbnailWithMaximumSize:(NSSize)size

**Return Value**

An image.

**Availability**

Available in Mac OS X v 10.5 and later.

**Declared In**

IKImageEditPanel.h



# Document Revision History

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This table describes the changes to *IKImageEditPanelDataSource Protocol Reference*.

Date	Notes
2009-08-25	Updated for Mac OS X v 10.6.
2006-12-06	New document that describes the methods than an image edit panel object uses to access the contents of its data source object.

## REVISION HISTORY

### Document Revision History