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# IKImageEditPanelDataSource Protocol Reference

[Graphics & Imaging > Quartz](#)



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Apple Inc.  
1 Infinite Loop  
Cupertino, CA 95014  
408-996-1010

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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>Declared in</b>	IKImageEditPanel.h

## Overview

The `IKImageEditPanelDataSource` informal 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 6)  
Returns a dictionary of the image properties associated with the image in the image edit panel.
- [setImage:imageProperties:](#) (page 6)  
Sets an image with the specified properties.

### Getting Images From the Data Source

- [image](#) (page 5)  
Returns an image.
- [thumbnailWithMaximumSize:](#) (page 7)  
Returns a thumbnail image whose size is no larger than the specified size.

## Instance Methods

### **image**

Returns an image.

- `(CGImageRef)image;`

**Return Value**

An image.

**Discussion**

Your data source must implement this method.

**Availability**

Available in Mac OS X v10.5 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.

**Discussion**

This method is optional.

**Availability**

Available in Mac OS X v10.5 and later.

**See Also**

- [setImage:imageProperties](#) (page 6)

**Declared In**

`IKImageEditPanel.h`

## **setImage:imageProperties:**

Sets an image with the specified properties.

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

**Discussion**

Your data source must implement this method.

**Availability**

Available in Mac OS X v10.5 and later.

**See Also**

- [imageProperties](#) (page 6)

**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.

#### **Discussion**

This method is optional.

#### **Availability**

Available in Mac OS X v10.5 and later.

#### **Declared In**

IKImageEditPanel.h





# Document Revision History

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

Date	Notes
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**

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