ABImageClient Protocol Objective-C Reference

Cocoa > Apple Applications

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

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ABImageClient Protocol Objective-C Reference

Adopted by	ABPerson
Conforms to	NSObject
Framework	/System/Library/Frameworks/AddressBook.framework
Availability	Available in Mac OS X v10.2 and later.
Companion guide	Address Book Programming Guide for Mac OS X
Declared in	ABImageLoading.h

Overview

Implement this protocol to handle images loaded from an asynchronous fetch for ABPerson objects.

A person may have an associated picture or image. The image in not actually stored in the Address Book database (a property list)—it's stored in a separate image file. These image files may be local or remote. Local images are any images in `.../Library/Images/People` or images the user has set using the Address Book application. Remote images are images stored on the network. Theses images take time to download, so ABPerson provides an asynchronous API for fetching remote images.

Use the `beginLoadingImageDataForClient:` method if an image file is not local and you want to perform an asynchronous fetch. You pass a client object that implements the ABImageClient protocol as an argument to this method. The `beginLoadingImageDataForClient:` method will return an image tracking number. A `consumeImageData:forTag:` (page 6) message is sent to your client object when the fetch is done. Implement this method to handle the new fetched image. Use the `cancelLoadingImageDataForTag:` class method if for some reason you want to cancel an asynchronous fetch.

Tasks

Loading an Image

`- consumeImageData:forTag:` (page 6)

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Instance Methods

consumeImageData:forTag:

```
- (void)consumeImageData:(NSData *)data forTag:(NSInteger)tag
```

Discussion
Gets the image data for the given tag that was initiated by an asynchronous fetch. The *data* argument is set to an NSImage/QuickTime compatible format or `nil` if no image could be found. The *tag* argument should have been obtained from a previous call to the ABPerson `beginLoadingImageDataForClient:` method. In the case of a multi-threaded application, this method is always called on the main thread.

Availability
Available in Mac OS X v10.2 and later.

See Also
`+ cancelLoadingImageDataForTag:` (ABPerson)
`- imageData` (ABPerson)

Declared In
`ABImageLoading.h`

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Document Revision History

This table describes the changes to *ABImageClient Protocol Objective-C Reference*.

Date	Notes
2006-05-23	First publication of this content as a separate document.

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