
NSPasteboardItemDataProvider Protocol Reference

Interapplication Communication





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NSPasteboardItemDataProvider Protocol Reference

Conforms to	NSObject
Availability	Available in Mac OS X v10.6 and later.
Declared in	NSPasteboardItem.h
Companion guides	Pasteboard Programming Guide Drag and Drop Programming Topics for Cocoa Services Implementation Guide

Overview

This protocol is implemented by the data provider of a pasteboard item to provide the data for a particular UTI type.

You can specify an object as a pasteboard data provider for a pasteboard item using `NSPasteboardItem`'s `setDataProvider:forTypes:` method. The data provider must implement this protocol to provide data upon request.

Tasks

Providing Data

- [pasteboard:item:provideDataForType:](#) (page 5) *required method*
Asks the receiver to provide data for a specified type to a given pasteboard. (required)
- [pasteboardFinishedWithDataProvider:](#) (page 6)
Informs the receiver that the pasteboard no longer needs the data provider for any of its pasteboard items.

Instance Methods

pasteboard:item:provideDataForType:

Asks the receiver to provide data for a specified type to a given pasteboard. (required)

```
- (void)pasteboard:(NSPasteboard *)pasteboard
    item:(NSPasteboardItem *)item
    provideDataForType:(NSString *)type
```

Parameters*pasteboard*

A pasteboard to which the receiver has promised to provide data.

item

A pasteboard item for which the receiver has promised to provide data

type

A UTI type string.

DiscussionThe receiver was previously set as the provider using `setDataProvider:forTypes:`.**Availability**

Available in Mac OS X v10.6 and later.

Declared In

NSPasteboardItem.h

pasteboardFinishedWithDataProvider:

Informs the receiver that the pasteboard no longer needs the data provider for any of its pasteboard items.

```
- (void)pasteboardFinishedWithDataProvider:(NSPasteboard *)pasteboard
```

Parameters*pasteboard*

A pasteboard.

Discussion

One data provider can provide data for more than one pasteboard item. This method is called when the pasteboard no longer needs the data provider for any of its pasteboard items. This can be either because the data provider has fulfilled all promises, or because ownership of the pasteboard has changed.

Availability

Available in Mac OS X v10.6 and later.

Declared In

NSPasteboardItem.h

Document Revision History

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

Date	Notes
2010-04-12	Corrected <code>pasteboardFinishedWithDataProvider</code> : to state that the method is optional in the protocol.
2009-01-20	TBD

REVISION HISTORY

Document Revision History