

[UIKit](#) / [NSPasteboardItemDataProvider](#)

Protocol

NSPasteboardItemDataProvider

A set of methods implemented by the data provider of a pasteboard item to provide the data for a particular UTI type.

macOS

```
protocol NSPasteboardItemDataProvider : NSObjectProtocol
```

Overview

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.

Topics

Providing Data

```
func pasteboard(NSPasteboard?, item: NSPasteboardItem, provideDataFor  
Type: NSPasteboard.PasteboardType)
```

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

Required

```
func pasteboardFinishedWithDataProvider(NSPasteboard)
```

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

Relationships

Inherits From

`NSObjectProtocol`

See Also

Pasteboard

`class` `NSPasteboard`

An object that transfers data to and from the pasteboard server.

`class` `NSPasteboardItem`

An item on a pasteboard.

`protocol` `NSPasteboardReading`

A set of methods that defines the interface for initializing an object from a pasteboard.

`protocol` `NSPasteboardWriting`

A set of methods that defines the interface for retrieving a representation of an object that can be written to a pasteboard.

`struct` `ContentsOptions`

Options for preparing the pasteboard.

`protocol` `NSPasteboardTypeOwner`

An object that serves as a data provider for data types that use lazy data fulfillment from a pasteboard request.