

[AppKit](#) / NSFilePromiseReceiver

Class

NSFilePromiseReceiver

An object that receives a file promise from the pasteboard.

macOS 10.12+

```
class NSFilePromiseReceiver
```

Overview

Because [NSFilePromiseReceiver](#) implements the [NSPasteboardReading](#) protocol, you receive all file promises on the drag pasteboard as follows:

[Swift](#) [Objective-C](#)

```
let filePromises = draggingPasteboard.readObjects(forClasses: [NSFilePromiseReceiver])
```

Likewise, you can enumerate dragged items by calling the following:

[Swift](#) [Objective-C](#)

```
draggingInfo.enumerateDraggingItems(options: [], for: view, classes: [NSFilePromiseReceiver]) {  
    let filePromiseReceiver = draggingItem.item  
    // Use filePromiseReceiver here for your task.  
}
```

Note

A non-item-based drag source may promise multiple files on the same pasteboard item. To be compatible with these drag sources, many [NSFilePromiseReceiver](#) methods return an array of values. Multiple-file item-based promises result in one [NSFilePromiseReceiver](#) per promised file.

Topics

Instance Properties

`var fileNames: [String]`

An array containing names of the promised files being written to the destination location.

`var fileTypes: [String]`

An array containing types of the promised files being written to the destination location.

Instance Methods

```
func receivePromisedFiles(atDestination: URL, options: [AnyHashable : Any], operationQueue: OperationQueue, reader: (URL, (any Error?)) -> Void)
```

Fulfills the promises at the specified destination.

Type Properties

```
class var readableDraggedTypes: [String]
```

An array containing dragged file types that are readable.

Relationships

Inherits From

`NSObject`

Conforms To

CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSObjectProtocol
NSPasteboardReading

See Also

File Promises

- `{}` [Supporting Drag and Drop Through File Promises](#)
Receive and provide file promises to support dragged app files and pasteboard operations.
- `{}` [Supporting Table View Drag and Drop Through File Promises](#)
Share data between macOS apps during drag and drop by using an item provider.
- `{}` [Supporting Collection View Drag and Drop Through File Promises](#)
Share data between macOS apps during drag and drop by using an item provider.

`class` `NSFilePromiseProvider`

An object that provides a promise for the pasteboard.

`protocol` `NSFilePromiseProviderDelegate`

A set of methods that provides the name of the promised file and writes the file to the destination directory when the file promise is fulfilled.