

[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)`

Fulfils 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

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## 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.