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[AppKit](#) / NSFilePromiseProviderDelegate

## 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.

macOS

```
protocol NSFilePromiseProviderDelegate : NSObjectProtocol
```

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## Topics

### Handling File Promises

```
func filePromiseProvider(NSFilePromiseProvider, fileNameForType: String) -> String
```

Provides the drag destination file's name.

**Required**

```
func filePromiseProvider(NSFilePromiseProvider, writePromiseTo: URL, completionHandler: ((any Error?) -> Void))
```

Writes the contents of a promise to the specified URL.

**Required**

```
func operationQueue(for: NSFilePromiseProvider) -> OperationQueue
```

Returns the operation queue from which to issue the write request.

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## Relationships

## Inherits From

NSObjectProtocol

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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.

`class` `NSFilePromiseReceiver`

An object that receives a file promise from the pasteboard.