Protocol

NSPasteboardWriting

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

macOS

```
protocol NSPasteboardWriting : NSObjectProtocol
```

Overview

The Cocoa framework classes <u>NSString</u>, <u>NSAttributedString</u>, <u>NSURL</u>, <u>NSColor</u>, <u>NSSound</u>, <u>NSImage</u>, and <u>NSPasteboardItem</u> implement this protocol. You can make your custom class conform to this protocol so that you can write instances of the class to a pasteboard using the <u>writeObjects(_:)</u> method of <u>NSPasteboard</u>.

Topics

Required Methods

func **writableTypes**(for: NSPasteboard) -> [NSPasteboard.PasteboardType]

Returns an array of UTI strings of data types the receiver can write to a given pasteboard.
Required

func **writingOptions**(forType: NSPasteboard.PasteboardType, pasteboard: NSPasteboard) -> NSPasteboard.WritingOptions

Returns options for writing data of a specified type to a given pasteboard.

```
struct WritingOptions
```
Type to specify options for writing to a pasteboard.

Property List for Type

```
func pasteboardPropertyList(forType: NSPasteboard.PasteboardType) ->
Any?
```
Returns a property list object to represent the receiver on a pasteboard as an object of a specified type.

Required

Constants

≔ Pasteboard Writing Options

Constant to specify options for writing to a pasteboard, used by <u>writingOptions(for Type:pasteboard:)</u>.

```
struct WritingOptions
```
Type to specify options for writing to a pasteboard.

Relationships

Inherits From

```
NSObjectProtocol
```

Conforming Types

```
NSColor
NSFilePromiseProvider
NSImage
NSPasteboardItem
NSSound
NSTextStorage
```

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 `NSPasteboardItemDataProvider`

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

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.