
NSCloneCommand Class Reference

Interapplication Communication



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NSCloneCommand Class Reference

Inherits from	NSScriptCommand : NSObject
Conforms to	NSCoding (NSScriptCommand) NSObject (NSObject)
Framework	/System/Library/Frameworks/Foundation.framework
Availability	Available in Mac OS X v10.0 and later.
Companion guide	Cocoa Scripting Guide
Declared in	NSScriptStandardSuiteCommands.h

Overview

An instance of `NSCloneCommand` clones the specified scriptable object or objects (such as words, paragraphs, images, and so on) and inserts them in the specified location, or the default location if no location is specified. The cloned scriptable objects typically correspond to objects in the application, but aren't required to. This command corresponds to AppleScript's `duplicate` command.

`NSCloneCommand` is part of Cocoa's built-in scripting support. It works automatically to support the `duplicate` command through key-value coding. Most applications don't need to subclass `NSCloneCommand` or invoke its methods.

When an instance of `NSCloneCommand` is executed, it clones the specified objects by sending them `copyWithZone:` messages.

Tasks

Working with Specifiers

- [keySpecifier](#) (page 6)
Returns a specifier for the object or objects to be cloned.
- [setReceiversSpecifier:](#) (page 6)
Sets the receiver's object specifier;.

Instance Methods

keySpecifier

Returns a specifier for the object or objects to be cloned.

```
- (NSScriptObjectSpecifier *)keySpecifier
```

Return Value

A specifier for the object or objects to be cloned.

Discussion

For example, the specifier may indicate that a document's third rectangle should be cloned. The returned specifier is valid only in the context of the `NSCloneCommand` object; for example, if you send the specifier a `containerSpecifier` message, the result is `nil`.

Availability

Available in Mac OS X v10.0 and later.

Declared In

`NSScriptStandardSuiteCommands.h`

setReceiversSpecifier:

Sets the receiver's object specifier;

```
- (void)setReceiversSpecifier:(NSScriptObjectSpecifier *)receiversRef
```

Parameters

receiversRef

The object specifier for the receiver.

Discussion

When evaluated, the specifier indicates the receiver or receivers of the `clone` command.

This method overrides `setReceiversSpecifier:` in `NSScriptCommand`. It performs the same function as the overridden method, with a critical difference: it causes the container specifier part of the passed-in object specifier to become the receiver specifier of the command, and the key part of the passed-in object specifier to become the key specifier. If, for example, *receiversRef* is a specifier for the third rectangle of the first document, the receiver specifier is the first document while the key specifier is the third rectangle.

Availability

Available in Mac OS X v10.0 and later.

Declared In

`NSScriptStandardSuiteCommands.h`

Document Revision History

This table describes the changes to *NSCloneCommand Class Reference*.

Date	Notes
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

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keySpecifier [instance method 6](#)

S

setReceiversSpecifier: [instance method 6](#)