NSCloneCommand Class Reference

Cocoa > Scripting & Automation

2006-05-23

Apple Inc.
© 2006 Apple Computer, Inc.
All rights reserved.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, mechanical, electronic, photocopying, recording, or otherwise, without prior written permission of Apple Inc., with the following exceptions: Any person is hereby authorized to store documentation on a single computer for personal use only and to print copies of documentation for personal use provided that the documentation contains Apple's copyright notice.

The Apple logo is a trademark of Apple Inc.

Use of the "keyboard" Apple logo (Option-Shift-K) for commercial purposes without the prior written consent of Apple may constitute trademark infringement and unfair competition in violation of federal and state laws.

No licenses, express or implied, are granted with respect to any of the technology described in this document. Apple retains all intellectual property rights associated with the technology described in this document. This document is intended to assist application developers to develop applications only for Apple-labeled computers.

Every effort has been made to ensure that the information in this document is accurate. Apple is not responsible for typographical errors.

Apple Inc.
1 Infinite Loop
Cupertino, CA 95014
408-996-1010

Apple, the Apple logo, AppleScript, Cocoa, Mac, and Mac OS are trademarks of Apple Inc., registered in the United States and other countries.

Simultaneously published in the United States and Canada.

Even though Apple has reviewed this document, APPLE MAKES NO WARRANTY OR REPRESENTATION, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS DOCUMENT, ITS QUALITY, ACCURACY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. AS A RESULT, THIS DOCUMENT IS PROVIDED "AS IS," AND YOU, THE READER, ARE ASSUMING THE ENTIRE RISK AS TO ITS QUALITY AND ACCURACY.

IN NO EVENT WILL APPLE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECT OR INACCURACY IN THIS DOCUMENT, even if advised of the possibility of such damages.

THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. No Apple dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

Some states do not allow the exclusion or limitation of implied warranties or liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Contents

NSCloneCommand Class Reference 5

Overview 5
Tasks 5
  Working with Specifiers 5
Instance Methods 6
  keySpecifier 6
  setReceiversSpecifier: 6

Document Revision History 7

Index 9

2006-05-23 | © 2006 Apple Computer, Inc. All Rights Reserved.

2006-05-23 | © 2006 Apple Computer, Inc. All Rights Reserved.

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;.

2006-05-23 | © 2006 Apple Computer, Inc. All Rights Reserved.

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`

2006-05-23 | © 2006 Apple Computer, Inc. All Rights Reserved.

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.

2006-05-23 | © 2006 Apple Computer, Inc. All Rights Reserved.

Document Revision History

2006-05-23 | © 2006 Apple Computer, Inc. All Rights Reserved.

Index

K

`keySpecifier` instance method 6

S

`setReceiversSpecifier:` instance method 6

2006-05-23 | © 2006 Apple Computer, Inc. All Rights Reserved.