
NSNameSpecifier Class Reference

Interapplication Communication





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

Finder is a trademark of Apple Inc.

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

NSStringSpecifier Class Reference 5

Overview 5

Tasks 6

 Initializing a Name Specifier 6

 Accessing a Name Specifier 6

Instance Methods 6

 initWithContainerClassDescription:containerSpecifier:key:name: 6

 name 6

 setName: 7

Document Revision History 9

Index 11

NSNameSpecifier Class Reference

Inherits from	NSScriptObjectSpecifier : NSObject
Conforms to	NSCoding (NSScriptObjectSpecifier) NSObject (NSObject)
Framework	/System/Library/Frameworks/Foundation.framework
Availability	Available in Mac OS X v10.2 and later.
Companion guide	Cocoa Scripting Guide
Declared in	NSScriptObjectSpecifiers.h

Overview

Specifies an object in a collection (or container) by name. For example, the following script specifies both an application and a window by name. In this script, the named window's implicitly specified container is the Finder application's list of open windows.

```
tell application "Finder" -- specifies an application by name
    close window "Reports" -- specifies a window by name
end tell
```

This specifier works only for objects that have a name property. You don't normally subclass `NSNameSpecifier`.

The evaluation of an instance of `NSNameSpecifier` follows these steps until the specified object is found:

1. If the container implements a method whose selector matches the relevant `valueIn<Key>WithName:` pattern established by scripting key-value coding, the method is invoked. This method can potentially be very fast, and it may be relatively easy to implement.
2. As is the case when evaluating any script object specifier, the container of the specified object is given a chance to evaluate the object specifier. If the container class implements the `indicesOfObjectsByEvaluatingObjectSpecifier` method, the method is invoked. This method can potentially be very fast, but it is relatively difficult to implement.
3. An instance of `NSWhoseSpecifier` that specifies the first object whose relevant 'pnam' attribute matches the name is synthesized and evaluated. The instance of `NSWhoseSpecifier` must search through all of the keyed elements in the container, looking for a match. The search is potentially very slow.

Tasks

Initializing a Name Specifier

- [initWithContainerClassDescription:containerSpecifier:key:name:](#) (page 6)
Invokes the super class's `initWithContainerClassDescription:containerSpecifier:key:` method and then sets the name instance variable to *name*.

Accessing a Name Specifier

- [name](#) (page 6)
Returns the name encapsulated by the receiver for the specified object in the container.
- [setName:](#) (page 7)
Sets the name encapsulated with the receiver for the specified object in the container.

Instance Methods

initWithContainerClassDescription:containerSpecifier:key:name:

Invokes the super class's `initWithContainerClassDescription:containerSpecifier:key:` method and then sets the name instance variable to *name*.

- (id)initWithContainerClassDescription:(NSScriptClassDescription *)*classDesc* containerSpecifier:(NSScriptObjectSpecifier *)*container* key:(NSString *)*property* name:(NSString *)*name*

Availability

Available in Mac OS X v10.2 and later.

Declared In

NSScriptObjectSpecifiers.h

name

Returns the name encapsulated by the receiver for the specified object in the container.

- (NSString *)name

Availability

Available in Mac OS X v10.2 and later.

See Also

- [setName:](#) (page 7)

Declared In

NSScriptObjectSpecifiers.h

setName:

Sets the name encapsulated with the receiver for the specified object in the container.

- (void)setName:(NSString *)*name*

Availability

Available in Mac OS X v10.2 and later.

See Also

- [name](#) (page 6)

Declared In

NSScriptObjectSpecifiers.h

Document Revision History

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

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

REVISION HISTORY

Document Revision History

Index

I

initWithContainerClassDescription:
 containerSpecifier:key:name: **instance method**
 6

N

name **instance method** **6**

S

setName: **instance method** **7**