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# NSCreateCommand Class Reference

Interapplication Communication



2006-05-23



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# NSCreateCommand Class Reference

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

## Overview

An instance of `NSCreateCommand` creates the specified scriptable object (such as a document), optionally supplying the new object with the specified attributes. This command corresponds to AppleScript's `make` command.

`NSCreateCommand` is part of Cocoa's built-in scripting support. Most applications don't need to subclass `NSCreateCommand` or invoke its methods.

When an instance of `NSCreateCommand` is executed, it creates a new object using `[[theClassToBeCreated allocWithZone:NULL] initWithData:]` (where `theClassToBeCreated` is the class of the object to be created), unless the command has a `with data` argument. In the latter case, the new object is created by invoking `[[NSScriptCoercionHandler sharedCoercionHandler] coerceValue:theDataAsAnObject toClass:theClassToBeCreated]`. Any properties specified by a `with properties` argument are then set in the new object using `-setScriptingProperties:`.

If an `NSCreateCommand` object with no argument corresponding to the `at` parameter is executed (for example, `tell application "Mail" to make new mailbox with properties {name: "testFolder"};`), and the receiver of the command (not necessarily the application object) has a to-many relationship to objects of the class to be instantiated, and the class description for the receiving class returns `NO` when sent an `isLocationRequiredToCreateForKey: message`, the `NSCreateCommand` object creates a new object and sends the receiver an `insertValue:atIndex:inPropertyWithKey: message` to place the new object in the container. This is part of Cocoa's scripting support for inserting newly-created objects into containers without explicitly specifying a location.

## Tasks

### Getting Information About a Create Command

- [createClassDescription](#) (page 6)  
Returns the class description for the class that is to be created.
- [resolvedKeyDictionary](#) (page 6)  
Returns a dictionary that contains the properties that were specified in the `make Apple` event command that has been converted to this `NSCreateCommand` object.

## Instance Methods

### `createClassDescription`

Returns the class description for the class that is to be created.

```
- (NSScriptClassDescription *)createClassDescription
```

#### Return Value

The class description for the class that is to be created.

#### Availability

Available in Mac OS X v10.0 and later.

#### Declared In

`NSScriptStandardSuiteCommands.h`

### `resolvedKeyDictionary`

Returns a dictionary that contains the properties that were specified in the `make Apple` event command that has been converted to this `NSCreateCommand` object.

```
- (NSDictionary *)resolvedKeyDictionary
```

#### Return Value

A dictionary that contains the properties that were specified in the `make Apple` event script command that has been converted to this `NSCreateCommand` object.

#### Discussion

The keys in the returned dictionary are the names of properties (attributes or relationships, in the script suite) that have been specified for the command, and the corresponding values in the dictionary are the values that those properties should take. The required and optional arguments for the `make` command are specified in the core suite definition, `NSCoreSuite.scriptSuite`.

#### Availability

Available in Mac OS X v10.0 and later.

**Declared In**

NSScriptStandardSuiteCommands.h



# Document Revision History

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

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

## REVISION HISTORY

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`createClassDescription` **instance method** [6](#)

## R

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`resolvedKeyDictionary` **instance method** [6](#)