
NSInputServer Class Reference

(Not Recommended)





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

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Contents

NSInputServer Class Reference (Not Recommended) 5

Overview 5

Adopted Protocols 5

Tasks 6

 Creating Input Service Providers 6

Appendix A Deprecated NSInputServer Methods 7

Deprecated in Mac OS X v10.6 7

 initWithDelegate:name: 7

Document Revision History 9

Index 11

NSInputServer Class Reference (Not Recommended)

Inherits from	NSObject
Conforms to	NSInputServerMouseTracker NSInputServiceProvider NSObject (NSObject)
Framework	/System/Library/Frameworks/AppKit.framework
Availability	Available in Mac OS X v10.0 and later.
Companion guide	Text Input Management
Declared in	NSInputServer.h

Important: `NSInputServer` is deprecated in Mac OS X v10.6 and later. To create input methods, use the Input Method Kit, described in *Input Method Kit Framework Reference*. For information about text input in Cocoa, see *NSTextInputContext Class Reference*.

Overview

This class, together with `NSInputManager`, are central to the mechanism that interprets keystrokes and delivers text characters to text view objects. `NSInputServer` objects provide the direct interface between the user and the text management system, communicating to text views via `NSInputManager`.

Adopted Protocols

NSInputServiceProvider

- `activeConversationChanged:toNewConversation:`
- `activeConversationWillChange:fromOldConversation:`
- `canBeDisabled`
- `doCommandBySelector:client:`
- `inputClientBecomeActive:`
- `inputClientDisabled:`
- `inputClientEnabled:`
- `inputClientResignActive:`
- `insertText:client:`
- `markedTextAbandoned:`

- `markedTextSelectionChanged:client:`
- `terminate:`
- `wantsToDelayTextChangeNotifications`
- `wantsToHandleMouseEvents`
- `wantsToInterpretAllKeystrokes`

NSInputServerMouseTracker

- `mouseDownOnCharacterIndex:atCoordinate:withModifier:client:`
- `mouseDraggedOnCharacterIndex:atCoordinate:withModifier:client:`
- `mouseUpOnCharacterIndex:atCoordinate:withModifier:client:`

Tasks

Creating Input Service Providers

- `initWithDelegate:name:` (page 7) **Deprecated in Mac OS X v10.6**
Initializes an input server with optional *delegate* and with *name*.

Deprecated NSInputServer Methods

A method identified as deprecated has been superseded and may become unsupported in the future.

Deprecated in Mac OS X v10.6

initWithDelegate:name:

Initializes an input server with optional *delegate* and with *name*. (Deprecated in Mac OS X v10.6.)

```
- (id)initWithDelegate:(id)delegate name:(NSString *)name
```

Discussion

The given *name* identifies this service in the IPC mechanism so that `NSInputManager` can find it. If *delegate* is `nil`, then the methods in this class must be overridden in a subclass. If *delegate* is non-`nil`, then all methods forward to the *delegate*, which must implement the `NSInputServiceProvider` protocol and which may need to implement the `NSInputServerMouseTracker` protocol.

Availability

Available in Mac OS X v10.0 and later.

Deprecated in Mac OS X v10.6.

Declared In

`NSInputServer.h`

Document Revision History

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

Date	Notes
2008-10-20	Added statement to introduction that this technology is deprecated and replaced by <code>NSTextInputContext</code> and the Input Method Kit.
2007-04-01	Made editorial improvements.
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

Document Revision History

Index

I

`initWithDelegate:name:` [instance method](#) [7](#)