
NSInputServer Class Reference

[Cocoa](#) > [Events & Other Input](#)



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NSInputServer Class Reference

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

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 6)
Initializes an input server with optional *delegate* and with *name*.

Instance Methods

initWithDelegate:name:

Initializes an input server with optional *delegate* and with *name*.

- `(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.

Declared In

`NSInputServer.h`

Document Revision History

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

Date	Notes
2007-04-01	Made editorial improvements.
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

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