NSServicesRequests

(informal protocol)

Category Of: NSObject

Declared In: AppKit/NSApplication.h

Protocol Description

This informal protocol consists of two methods, **writeSelectionToPasteboard:types:** and **readSelectionFromPasteboard:**. The first is implemented to provide data to a remote service, and the second to receive any data the remote service might send back. Both respond to messages that are generated when the user chooses a command from the Services menu.

Instance Methods

readSelectionFromPasteboard:

- (BOOL)**readSelectionFromPasteboard:**(NSPasteboard *)*pboard*

Implemented to replace the current selection (that is, the text or objects that are currently selected) with data read from the Pasteboard object *pboard*. The data would have been placed in the pasteboard by another application in response to a remote message from the Services menu. A **readSelectionFromPasteboard:** message is sent to the same object that previously received a **writeSelectionToPasteboard:types:** message.

There's no default **readSelectionFromPasteboard:** method. The Application Kit declares a prototype for this method, but doesn't implement it.

writeSelectionToPasteboard:types:

- (BOOL)**writeSelectionToPasteboard:**(NSPasteboard *)*pboard* **types:**(NSArray *)*types*

Implemented to write the current selection to the Pasteboard object *pboard*. The selection should be written as one or more of the data types listed in *types*. After writing the data, this method should return YES. If for any reason it can't write the data, it should return NO.

A **writeSelectionToPasteboard:types:** message is sent to the first responder when the user chooses a command from the Services menu, but only if the receiver didn't return **nil** to a previous **validRequestorForSendType:returnType:** message.

After this method writes the data to the pasteboard, a remote message is sent to the application that provides the service the user requested. If the service provider supplies return data to replace the selection, the first responder will then receive a **readSelectionFromPasteboard:** message.

There's no default **writeSelectionToPasteboard:types:** method. The Application Kit declares a prototype for this method, but doesn't implement it.

See also: – **validRequestorForSendType:returnType:** (NSResponder class)