
NSEditor Protocol Reference

[Cocoa > Data Management](#)



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NSEditor Protocol Reference

(informal protocol)

Adopted by	NSController (informal protocol)
Framework	/System/Library/Frameworks/AppKit.framework
Availability	Available in Mac OS X v10.3 and later.
Companion guide	Cocoa Bindings Programming Topics
Declared in	NSKeyValueBinding.h

Overview

The NSEditor informal protocol is implemented by controllers and user interface elements. It provides a means for requesting that the receiver commit or discard any pending edits.

These methods are typically invoked on user interface elements by a controller. They can also be sent to a controller in response to a user's attempt to save a document or quit an application.

NSController provides an implementation of this protocol, as do the Application Kit user interface elements that support binding.

Tasks

Managing Editing

- [discardEditing](#) (page 7)
Causes the receiver to discard any changes, restoring the previous values.
- [commitEditing](#) (page 6)
Returns whether the receiver was able to commit any pending edits.
- [commitEditingWithDelegate:didCommitSelector:contextInfo:](#) (page 6)
Attempt to commit any currently edited results of the receiver.

Instance Methods

commitEditing

Returns whether the receiver was able to commit any pending edits.

- (BOOL)commitEditing

Discussion

Returns YES if the changes were successfully applied to the model, NO otherwise. A commit is denied if the receiver fails to apply the changes to the model object, perhaps due to a validation error.

Availability

Available in Mac OS X v10.3 and later.

See Also

- [discardEditing](#) (page 7)

Related Sample Code

Core Data HTML Store

CoreRecipes

Declared In

NSKeyValueBinding.h

commitEditingWithDelegate:didCommitSelector:contextInfo:

Attempt to commit any currently edited results of the receiver.

```
- (void)commitEditingWithDelegate:(id)delegate
    didCommitSelector:(SEL)didCommitSelector contextInfo:(void *)contextInfo
```

Discussion

The receiver must have been registered as the editor of an object using `objectDidBeginEditing:`, and has not yet been unregistered by a subsequent invocation of `objectDidEndEditing:`. When the committing has either succeeded or failed, send the following message to the specified object. The `didCommitSelector` method must have the following method signature:

```
- (void)editor:(id)editor didCommit:(BOOL)didCommit contextInfo:(void *)contextInfo
```

If an error occurs while attempting to commit, for example if key-value coding validation fails, an implementation of this method should typically send the `NSView` in which editing is being done a `presentError:modalForWindow:delegate:didRecoverSelector:contextInfo:message`, specifying the view's containing window.

Availability

Available in Mac OS X v10.4 and later.

Related Sample Code

CoreRecipes

Declared In

NSKeyValueBinding.h

discardEditing

Causes the receiver to discard any changes, restoring the previous values.

- (void)discardEditing

Availability

Available in Mac OS X v10.3 and later.

See Also

- [commitEditing](#) (page 6)

Declared In

NSKeyValueBinding.h

Document Revision History

This table describes the changes to *NSEditor Protocol Reference*.

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

REVISION HISTORY

Document Revision History

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C

`commitEditing` <NSObject> instance method [6](#)
`commitEditingWithDelegate:didCommitSelector:
contextInfo:` <NSObject> instance method [6](#)

D

`discardEditing` <NSObject> instance method [7](#)