

NSTextField

Inherits From: NSControl : NSView : NSResponder : NSObject

Declared In: appkit/NSTextField.h

Setting User Access to Text

- (BOOL)**isEditable** Returns whether the NSTextField's text is editable.
- (BOOL)**isSelectable** Returns whether the NSTextField's text is selectable.
- (void)**setEditable:(BOOL)flag** Sets whether the NSTextField's text is editable.
- (void)**setSelectable:(BOOL)flag** Sets whether the NSTextField's text is selectable.

Editing Text

- (void)**selectText:(id)sender** Selects all of the text if it's selectable or editable.

Setting Tab Key Behavior

- (id)**nextText** Gets the object selected when the user presses Tab.
- (id)**previousText** Gets the object selected when the user presses Shift-Tab.
- (void)**setNextText:(id)anObject** Sets the object selected when the user presses Tab.
- (void)**setPreviousText:(id)anObject** Sets the object selected when the user presses Shift-Tab.

Assigning a Text Delegate

- (void)**setTextDelegate:**(id)*anObject* Sets the delegate for messages from the field editor to *anObject*.
- (id)**textDelegate** Returns the delegate for messages from the field editor.

Modifying Graphic Attributes

- (NSColor *)**backgroundColor** Returns the color of the background.
- (BOOL)**drawsBackground** Returns whether the NSTextField draws its own background.
- (BOOL)**isBezeled** Returns whether the NSTextField has a bezeled border.
- (BOOL)**isBordered** Returns whether the NSTextField has a plain border.
- (void)**setBackgroundColor:**(NSColor *)*aColor* Sets the color of the background to *aColor*.
- (void)**setBezeled:**(BOOL)*flag* Sets whether the NSTextField has a bezeled border.
- (void)**setBordered:**(BOOL)*flag* Sets whether the NSTextField has a plain border.
- (void)**setDrawsBackground:**(BOOL)*flag* Sets whether the NSTextField draws its own background color.
- (void)**setTextColor:**(NSColor *)*aColor* Sets the color of the NSTextField's text to *aColor*.
- (NSColor *)**textColor** Returns the color of the NSTextField's text.

Target and Action

- (SEL)**errorAction** Returns the action method sent for an invalid value.
- (void)**setErrorAction:**(SEL)*aSelector* Sets the action method sent (*aSelector*) for an invalid value entered.

Handling Events

- (BOOL)**acceptsFirstResponder** Return YES if text is editable or selectable.
- (void)**textDidBeginEditing:**(NSNotification *)*notification* Invoked when there's a change in the text after the receiver gains first responder status. Default behavior is pass to this message on to the text delegate.
- (void)**textDidChange:**(NSNotification *)*notification* Invoked upon a key-down event or paste operation that changes the receiver's contents. Default behavior is to pass this message on to the

text delegate.

- (void)**textDidEndEditing**:(NSNotification *)*notification*

Invoked when text editing ends and then forwarded to the text delegate.

- (BOOL)**textShouldBeginEditing**:(NSText *)*textObject*

Invoked to let the NSTextField respond to impending changes to its text and then forwarded to the text delegate.

- (BOOL)**textShouldEndEditing**:(NSText *)*textObject*

Invoked to let the NSTextField respond to impending loss of first responder status and then forwarded to the text delegate.