

# 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*
- (id)**textDelegate**

Sets the delegate for messages from the field editor to *anObject*.  
Returns the delegate for messages from the field editor.

## Modifying Graphic Attributes

- (NSColor \*)**backgroundColor**
- (BOOL)**drawsBackground**
- (BOOL)**isBezeled**
- (BOOL)**isBordered**
- (void)**setBackgroundColor:**(NSColor \*)*aColor*
- (void)**setBezeled:**(BOOL)*flag*
- (void)**setBordered:**(BOOL)*flag*
- (void)**setDrawsBackground:**(BOOL)*flag*
- (void)**setTextColor:**(NSColor \*)*aColor*
- (NSColor \*)**textColor**

Returns the color of the background.  
Returns whether the NSTextField draws its own background.  
Returns whether the NSTextField has a bezeled border.  
Returns whether the NSTextField has a plain border.  
Sets the color of the background to *aColor*.  
Sets whether the NSTextField has a bezeled border.  
Sets whether the NSTextField has a plain border.  
Sets whether the NSTextField draws its own background color.  
Sets the color of the NSTextField's text to *aColor*.  
Returns the color of the NSTextField's text.

## Target and Action

- (SEL)**errorAction**
- (void)**setErrorAction:**(SEL)*aSelector*

Returns the action method sent for an invalid value.  
Sets the action method sent (*aSelector*) for an invalid value entered.

## Handling Events

- (BOOL)**acceptsFirstResponder**
- (void)**textDidBeginEditing:**(NSNotification \*)*notification*

Return YES if text is editable or selectable.

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.