
UITextInputDelegate Protocol Reference

Data Management: Strings, Text, & Fonts



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UITextInputDelegate Protocol Reference

Conforms to	NSObject (NSObject)
Framework	/System/Library/Frameworks/UIKit.framework
Availability	Available in iOS 3.2 and later.
Declared in	UITextInput.h

Overview

The text input delegate acts as an intermediary between a document and the text input system, conveying notifications of pending or transpired changes in text and selection in the document.

The UIKit provides a private text input delegate, which it assigns at runtime to the `inputDelegate` property of the object whose class adopts the `UITextInput` protocol.

Tasks

Notifying the Delegate of Textual Changes

- [textWillChange:](#) (page 7) *required method*
Tells the input delegate when text is about to change in the document. (required)
- [textDidChange:](#) (page 6) *required method*
Tells the input delegate when text has changed in the document. (required)

Notifying the Delegate of Selection Changes

- [selectionWillChange:](#) (page 6) *required method*
Tells the input delegate when the selection is about to change in the document. (required)
- [selectionDidChange:](#) (page 6) *required method*
Tells the input delegate when the selection has changed in the document. (required)

Instance Methods

selectionDidChange:

Tells the input delegate when the selection has changed in the document. (required)

```
- (void)selectionDidChange:(id <UITextInput>)textInput
```

Parameters

textInput

The document instance whose class adopts the UITextInput protocol.

Availability

Available in iOS 3.2 and later.

See Also

- [textDidChange:](#) (page 6)

Declared In

UITextInput.h

selectionWillChange:

Tells the input delegate when the selection is about to change in the document. (required)

```
- (void)selectionWillChange:(id <UITextInput>)textInput
```

Parameters

textInput

The document instance whose class adopts the UITextInput protocol.

Availability

Available in iOS 3.2 and later.

See Also

- [textWillChange:](#) (page 7)

Declared In

UITextInput.h

textDidChange:

Tells the input delegate when text has changed in the document. (required)

```
- (void)textDidChange:(id <UITextInput>)textInput
```

Parameters

textInput

The document instance whose class adopts the UITextInput protocol.

Availability

Available in iOS 3.2 and later.

See Also

- [selectionDidChange:](#) (page 6)

Declared In

UITextInput.h

textWillChange:

Tells the input delegate when text is about to change in the document. (required)

- (void)textWillChange:(id <UITextInput>)textInput

Parameters

textInput

The document instance whose class adopts the UITextView protocol.

Availability

Available in iOS 3.2 and later.

See Also

- [selectionWillChange:](#) (page 6)

Declared In

UITextInput.h

Document Revision History

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

Date	Notes
2010-02-25	New document that describes the interface for notifying the text system of changes in text and selection.

REVISION HISTORY

Document Revision History