UIKeyInput Protocol Reference

Data Management: Strings, Text, & Fonts

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UIKeyInput Protocol Reference

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

Overview

A subclass of `UIResponder` can adopt this protocol to implement simple text entry. When instances of this subclass are the first responder, the system keyboard is displayed.

Only a small subset of the available keyboards and languages are available to classes that adopt this protocol.

Tasks

Inserting and Deleting Text

- `insertText:` (page 6) *required method*
  Insert a character into the displayed text. (required)
- `deleteBackward` (page 5) *required method*
  Delete a character from the displayed text. (required)
- `hasText` (page 6) *required method*
  A Boolean value that indicates whether the text-entry objects has any text. (required)

Instance Methods

deleteBackward

Delete a character from the displayed text. (required)

```
- (void)deleteBackward
```


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Discussion
Remove the character just before the cursor from your class's backing store and redisplay the text.

Availability
Available in iOS 3.2 and later.

Declared In
`UITextInput.h`

hasText

A Boolean value that indicates whether the text-entry objects has any text. (required)

```
- (BOOL)hasText
```

Return Value
`YES` if the backing store has textual content, `NO` otherwise.

Availability
Available in iOS 3.2 and later.

Declared In
`UITextInput.h`

insertText:

Insert a character into the displayed text. (required)

```
- (void)insertText:(NSString *)text
```

Parameters
text
A string object representing the character typed on the system keyboard.

Discussion
Add the character `text` to your class's backing store at the index corresponding to the cursor and redisplay the text.

Availability
Available in iOS 3.2 and later.

Declared In
`UITextInput.h`

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Document Revision History

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

Date	Notes
2010-02-25	First version of the reference that describes the protocol adopted by classes to enable simple text entry.

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Document Revision History

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