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# UIAccessibilityAction Protocol Reference

User Experience



2010-05-18



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# Contents

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## **UIAccessibilityAction Protocol Reference 5**

---

Overview 5

Tasks 5

    Performing the Action 5

Instance Methods 5

    accessibilityDecrement 5

    accessibilityIncrement 6

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## **Document Revision History 7**

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# UIAccessibilityAction Protocol Reference

(informal protocol)

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<b>Adopted by</b>	NSObject
<b>Framework</b>	/System/Library/Frameworks/UIKit.framework
<b>Companion guide</b>	Accessibility Programming Guide for iOS
<b>Declared in</b>	UIAccessibility.h

## Overview

The `UIAccessibilityAction` informal protocol provides a way for accessibility elements to support specific actions. For example, for UI elements such as sliders and picker views, users can select a value by manipulating the element through a range of values. To make such elements accessible, you first need to characterize it by including the `UIAccessibilityTraitAdjustable` trait. Then, you must implement the methods of the `UIAccessibilityAction` protocol. When you do this, assistive technology users can adjust the element using technology-specific gestures.

## Tasks

### Performing the Action

- [accessibilityIncrement](#) (page 6)  
Adjusts the accessibility element so that its content is increased.
- [accessibilityDecrement](#) (page 5)  
Adjusts the accessibility element so that its content is decreased.

## Instance Methods

### **accessibilityDecrement**

Adjusts the accessibility element so that its content is decreased.

- (void)accessibilityDecrement

#### **Availability**

Available in iOS 4.0 and later.

**Declared In**

UIAccessibility.h

**accessibilityIncrement**

Adjusts the accessibility element so that its content is increased.

- (void)accessibilityIncrement

**Availability**

Available in iOS 4.0 and later.

**Declared In**

UIAccessibility.h

# Document Revision History

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

Date	Notes
2010-05-18	New document that describes a way for accessibility elements to support actions.

## REVISION HISTORY

### Document Revision History