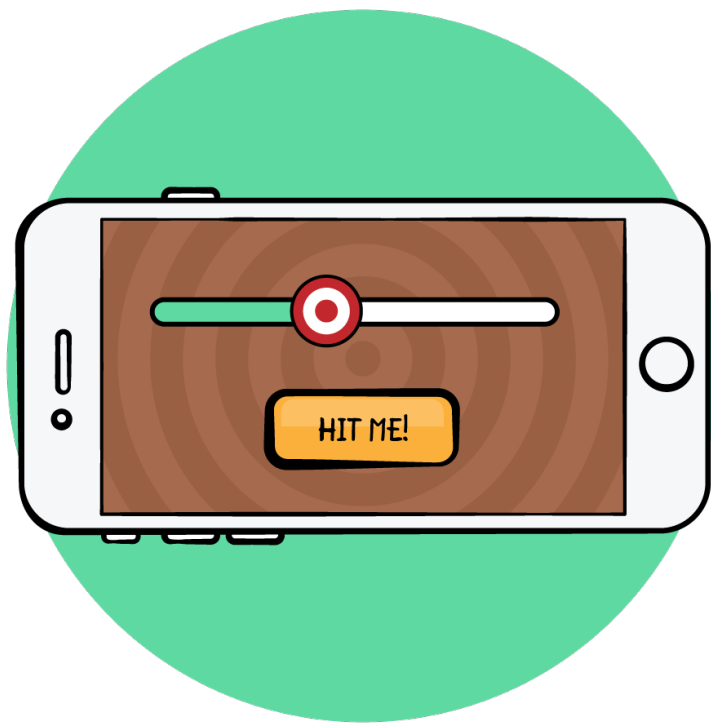


# BEGINNING iOS 10

**PART 1**

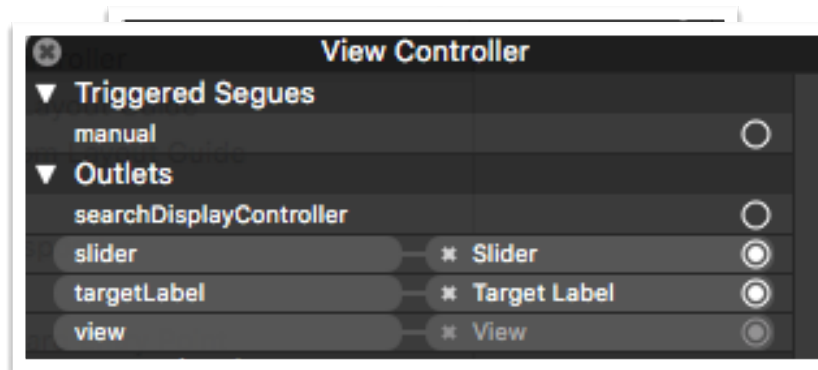
GETTING STARTED



## PART #5: ACCESSING CONTROLS



# OUTLETS

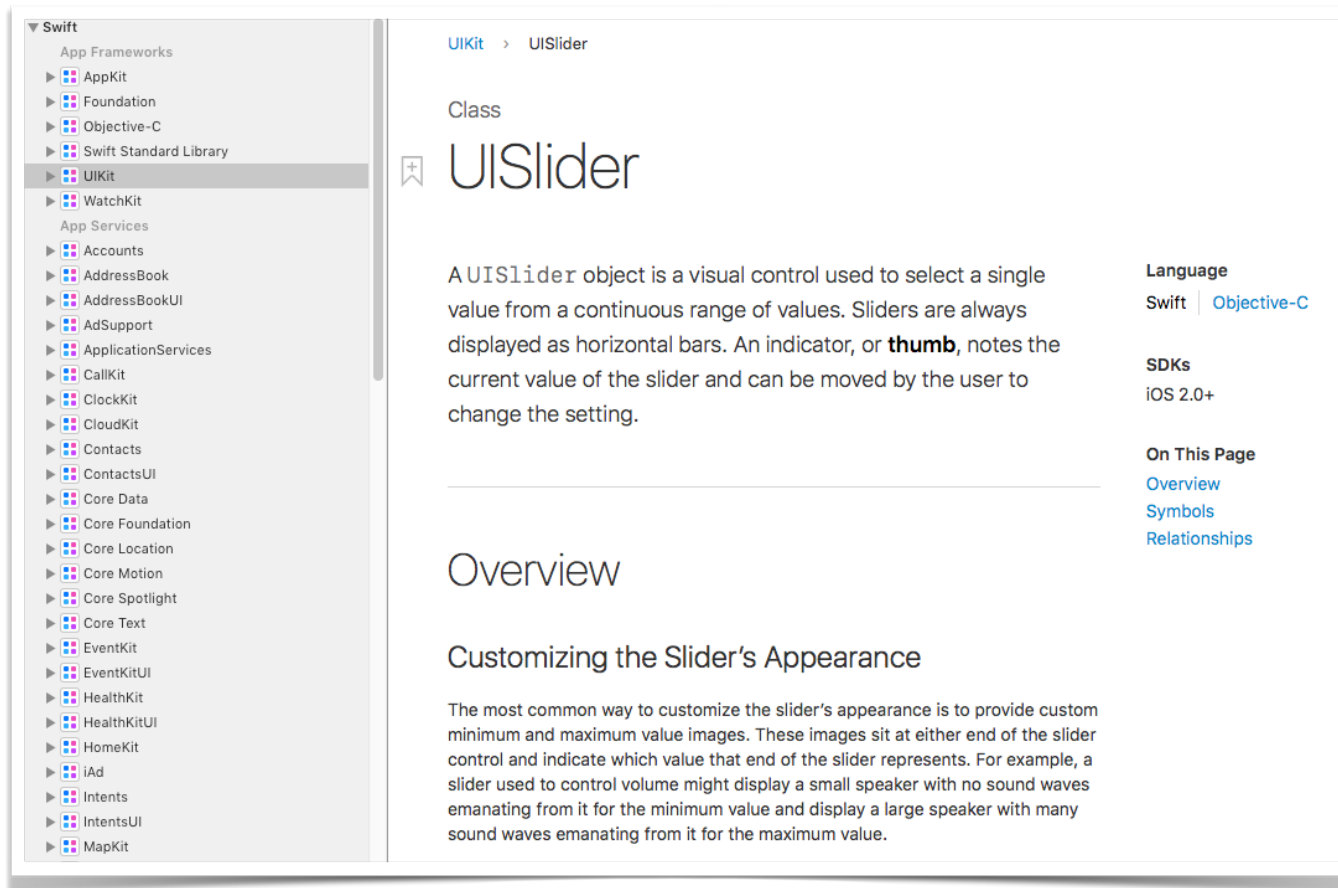


```
@IBOutlet weak var targetLabel: UILabel!
```

```
@IBOutlet weak var amountBeforeTaxTextField: UITextField!  
@IBOutlet weak var tipPercentageTextField: UITextField!  
@IBOutlet weak var resultLabel: UILabel!
```

```
targetLabel.text = "Hello World!"
```

# DOCUMENTATION



The screenshot shows the Apple Developer documentation for the `UISlider` class. On the left is a sidebar with a tree view of Swift frameworks, with `UIKit` selected. The main content area has a breadcrumb `UIKit > UISlider` and a heading `Class` above the `UISlider` title. A description states that `UISlider` is a visual control for selecting a single value from a continuous range, displayed as horizontal bars with a **thumb** indicator. On the right, there are links for **Language** (Swift, Objective-C), **SDKs** (iOS 2.0+), and **On This Page** (Overview, Symbols, Relationships). Below the description is an **Overview** section with a heading **Customizing the Slider's Appearance**, which explains that custom minimum and maximum value images can be provided to indicate specific values.

Swift

- App Frameworks
  - AppKit
  - Foundation
  - Objective-C
  - Swift Standard Library
  - UIKit**
  - WatchKit
- App Services
  - Accounts
  - AddressBook
  - AddressBookUI
  - AdSupport
  - ApplicationServices
  - CallKit
  - ClockKit
  - CloudKit
  - Contacts
  - ContactsUI
  - Core Data
  - Core Foundation
  - Core Location
  - Core Motion
  - Core Spotlight
  - Core Text
  - EventKit
  - EventKitUI
  - HealthKit
  - HealthKitUI
  - HomeKit
  - iAd
  - Intents
  - IntentsUI
  - MapKit

UIKit > UISlider

Class

## UISlider

A `UISlider` object is a visual control used to select a single value from a continuous range of values. Sliders are always displayed as horizontal bars. An indicator, or **thumb**, notes the current value of the slider and can be moved by the user to change the setting.

**Language**  
Swift | [Objective-C](#)

**SDKs**  
iOS 2.0+

**On This Page**  
[Overview](#)  
[Symbols](#)  
[Relationships](#)

## Overview

### Customizing the Slider's Appearance

The most common way to customize the slider's appearance is to provide custom minimum and maximum value images. These images sit at either end of the slider control and indicate which value that end of the slider represents. For example, a slider used to control volume might display a small speaker with no sound waves emanating from it for the minimum value and display a large speaker with many sound waves emanating from it for the maximum value.

# DEMO

---



# CHALLENGE

---

Amount before tax

Tip percentage

Calc!

Result goes here

