

iPhone Programming

Textfields and Special-Purpose Views

Tim Gegg-Harrison

Timers

- The `Timer` class allows you to create timers
 - Objects that execute a closure after a specified interval
- Accuracy
 - Within 50 ms

Creating and setting a timer

- Scheduling a timer:

```
class func scheduledTimer(withTimeInterval interval: TimeInterval, repeats: Bool, block: (Timer) -> Void) -> Timer
```

- Timer will repeat until invalidated with method call or execute only once

```
func invalidate()
```

Special-Purpose Views

- **UIPickerView**
 - Demo:
 - **PickerView** (delegate + dataSource)
- **UIProgressView**
- **UIActivityIndicatorView**
 - Demo:
 - **ProgressView**
- **UIScrollView** (delegate)
 - Demo:
 - **ScrollView**

Special-Purpose Views ...

- **UITextView**
 - implements the behavior for a scrollable, multiline text region
 - supports the display of text using a custom font, color, and alignment and also supports text editing
 - typically used to display multiple lines of text, such as when displaying the body of a large text document
 - does not support multiple styles for text
 - font, color, and text alignment attributes you specify always apply to the entire contents of the text view
 - To display more complex styling in your application, you need to use a **UIWebView** object
 - allows presenting rich content to the user