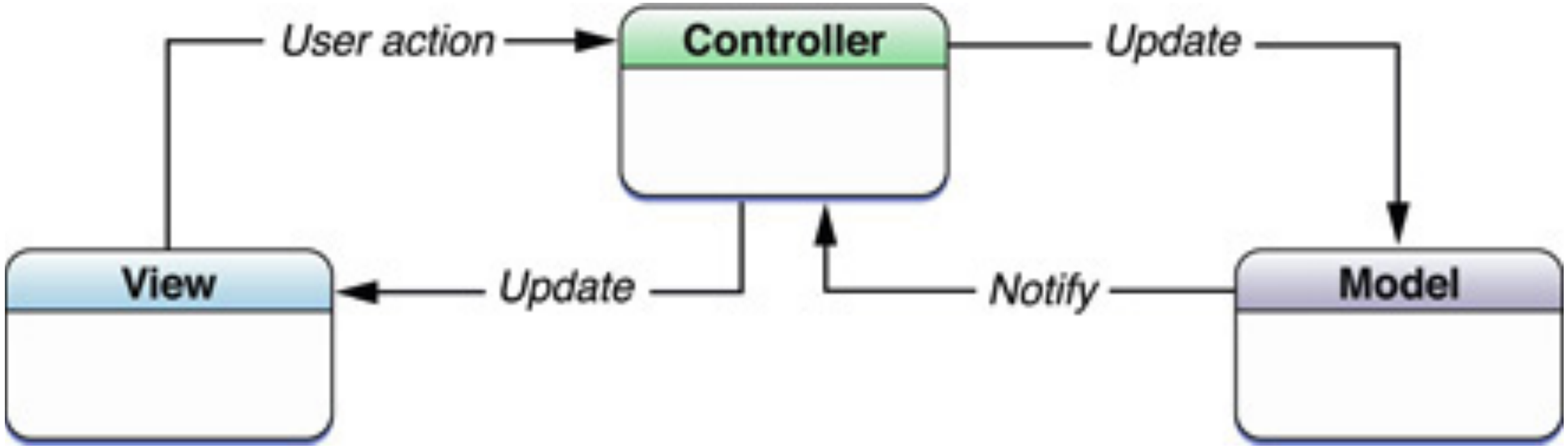
Model-View-Controller

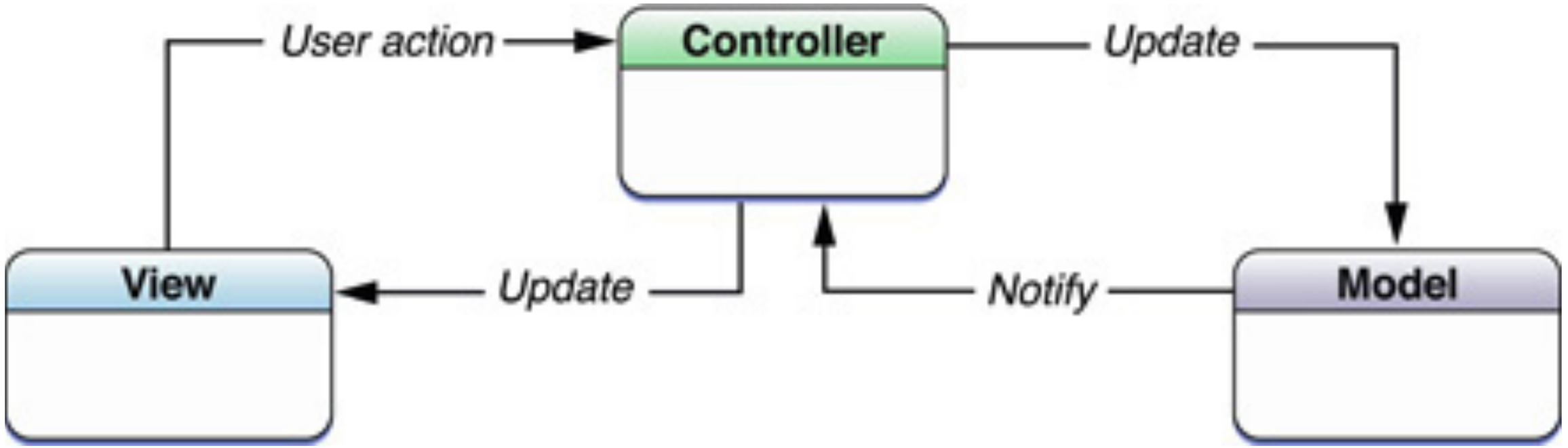


https://developer.apple.com/library/ios/documentation/General/Conceptual/DevPedia-CocoaCore/MVC.html

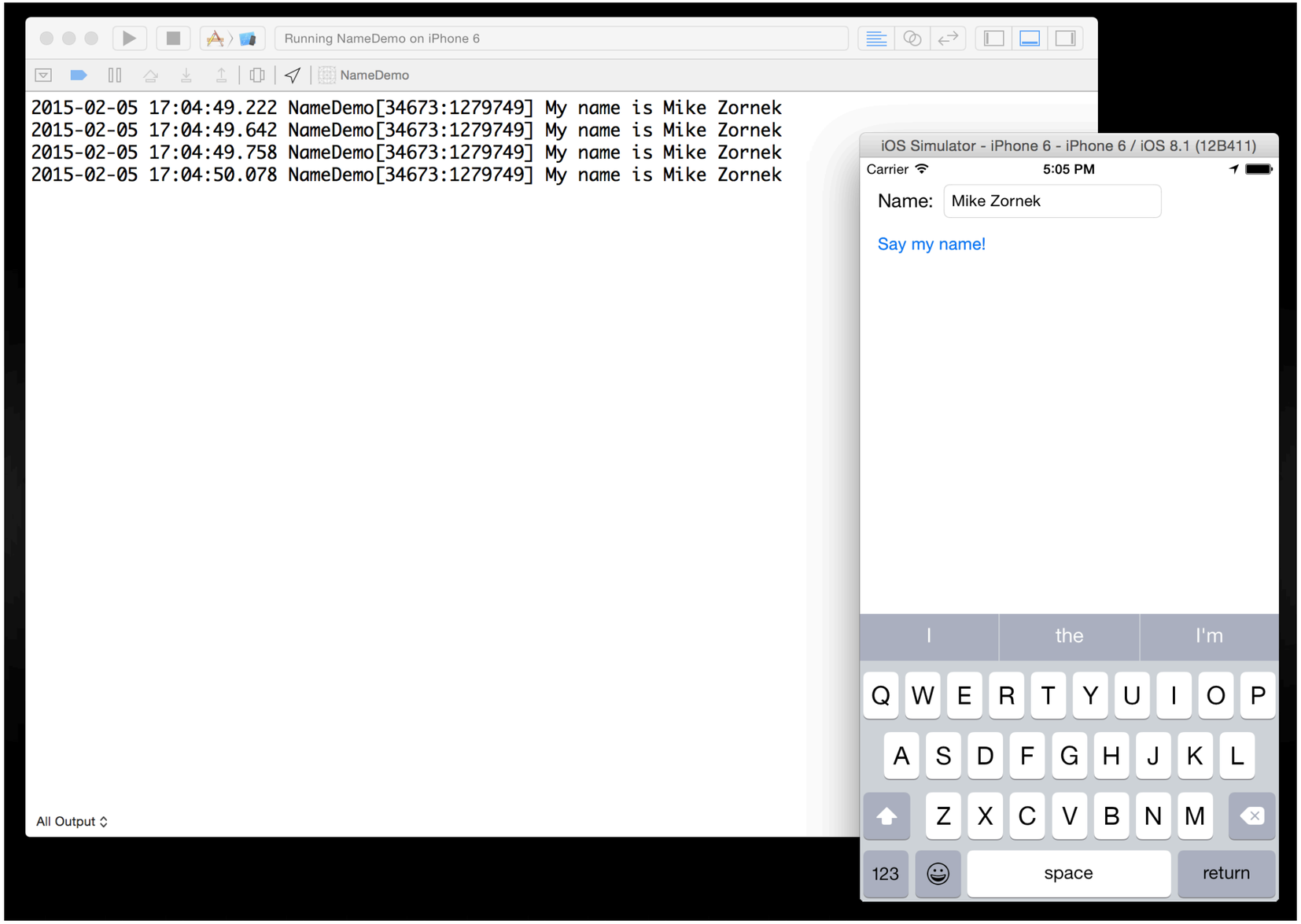
Models

Views

Controllers

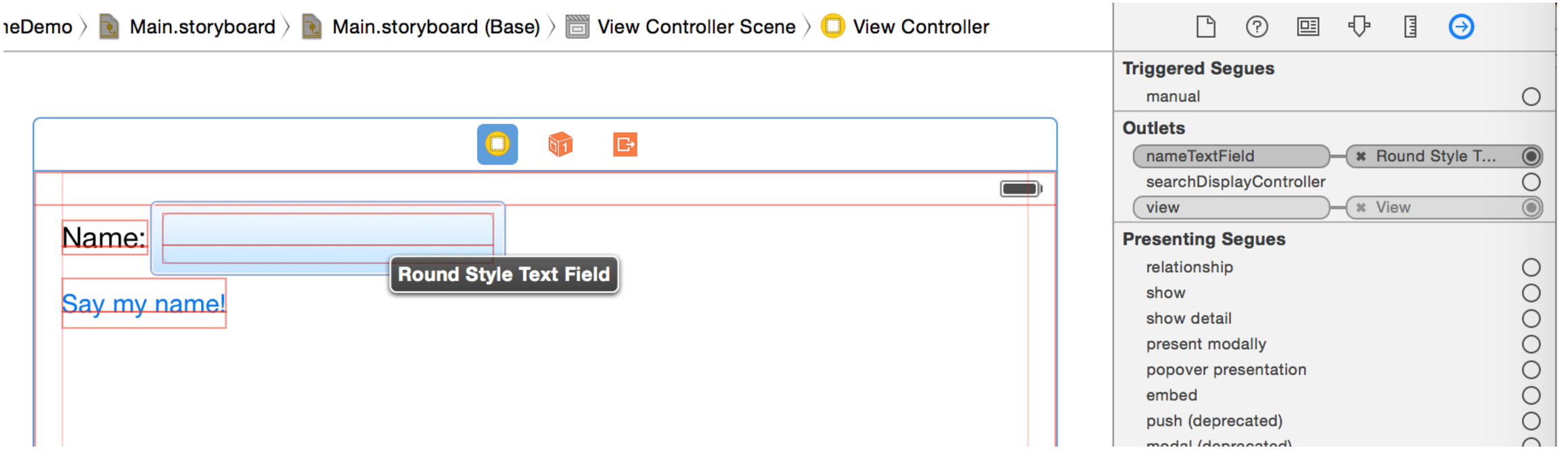

User action
Controller
Update
View
Update
Notify
Model

Name Demo


Running NameDemo on iPhone 6
NameDemo
2015-02-05 17:04:49.222 NameDemo[34673:1279749] My name is Mike Zornek
2015-02-05 17:04:49.642 NameDemo[34673:1279749] My name is Mike Zornek
2015-02-05 17:04:49.758 NameDemo[34673:1279749] My name is Mike Zornek
2015-02-05 17:04:50.078 NameDemo[34673:1279749] My name is Mike Zornek
All Output
iOS Simulator - iPhone 6 - iPhone 6 / iOS 8.1 (12B411)
Carrier
5:05 PM
Name:
Mike Zornek
Say my name!
I
the
I'm
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return

Outlets

```
class ViewController: UIViewController {
    @IBOutlet weak var nameTextField: UITextField!
}
```

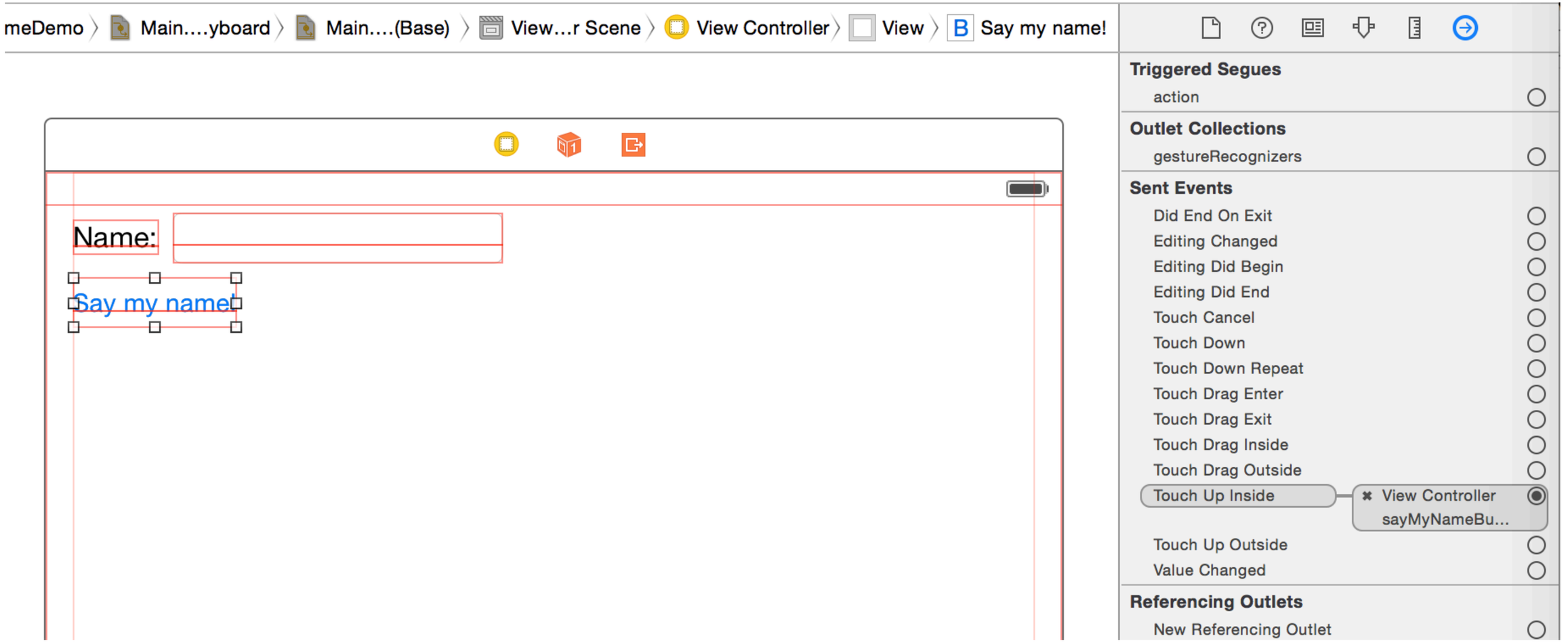

neDemo
Main.storyboard
Main.storyboard (Base)
View Controller Scene
View Controller
Name:
Round Style Text Field
Say my name!
Triggered Segues
manual
Outlets
nameTextField
Round Style T...
searchDisplayController
view
View
Presenting Segues
relationship
show
show detail
present modally
popover presentation
embed
push (deprecated)

Actions

```
class ViewController: UIViewController {

    @IBAction func sayMyNameButtonAction(sender: AnyObject) {
        ...
    }

}
```


meDemo
Main....yboard
Main....(Base)
View...r Scene
View Controller
View
Say my name!
Name:
Say my name!
Triggered Segues
action
Outlet Collections
gestureRecognizers
Sent Events
Did End On Exit
Editing Changed
Editing Did Begin
Editing Did End
Touch Cancel
Touch Down
Touch Down Repeat
Touch Drag Enter
Touch Drag Exit
Touch Drag Inside
Touch Drag Outside
Touch Up Inside
View Controller
sayMyNameBu...
Touch Up Outside
Value Changed
Referencing Outlets
New Referencing Outlet

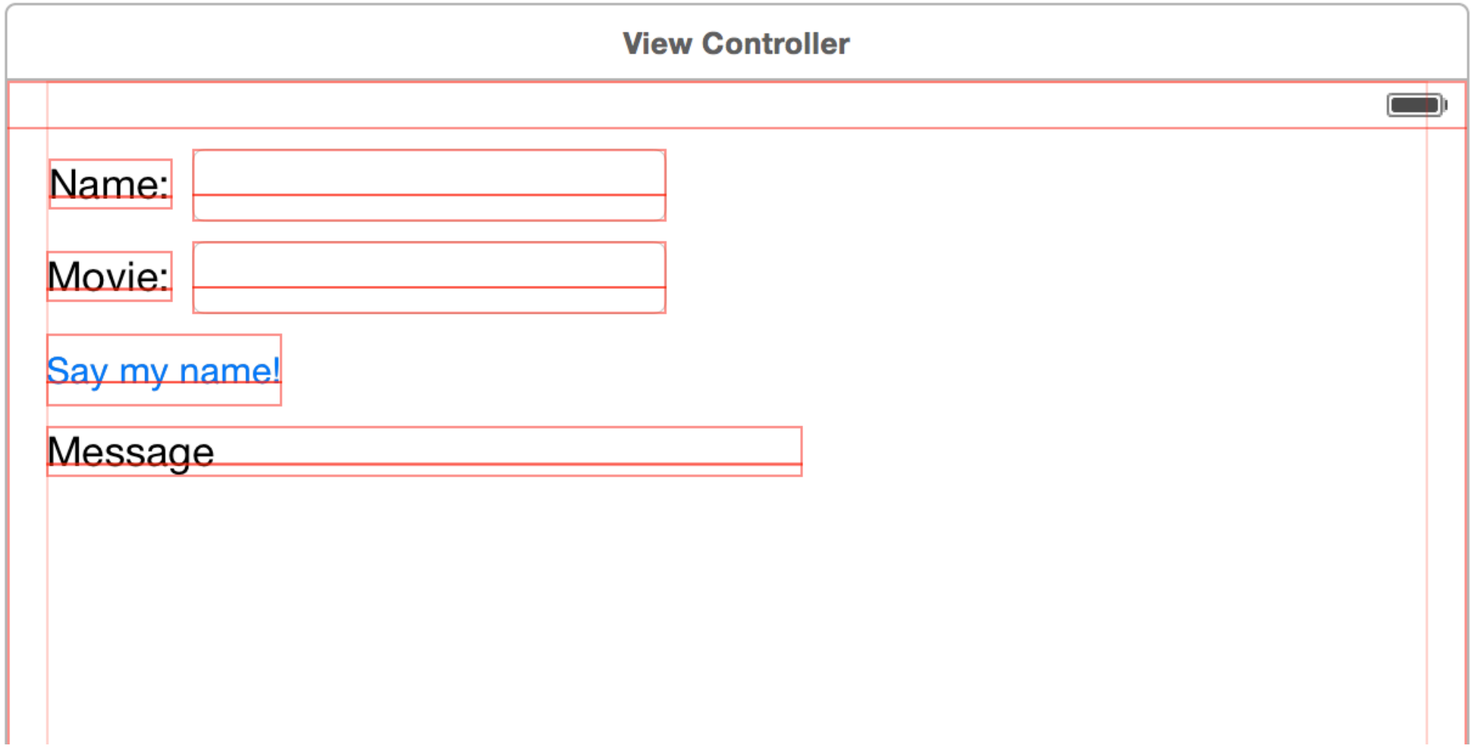
UIViewController

UIViewController Lifecycle Methods

- viewDidLoad
- viewWillAppear
- viewDidAppear
- viewWillDisappear
- viewDidDisappear

Name Demo

Challenge



Bill's favorite movie is Howard the Duck.