

SO101

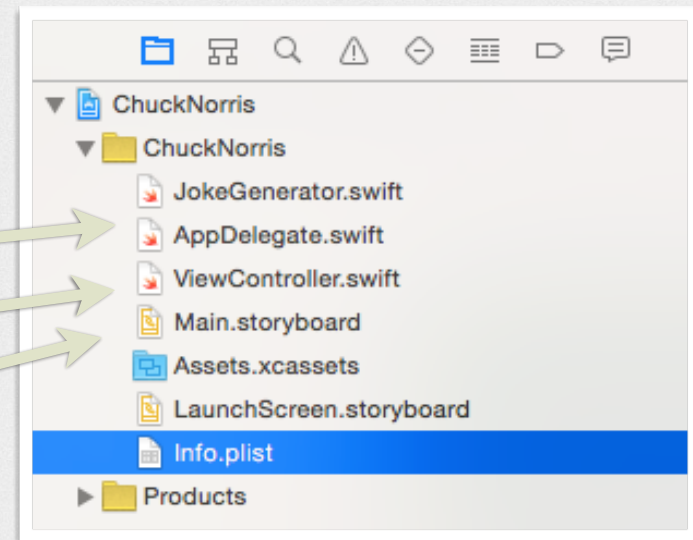
App Structure

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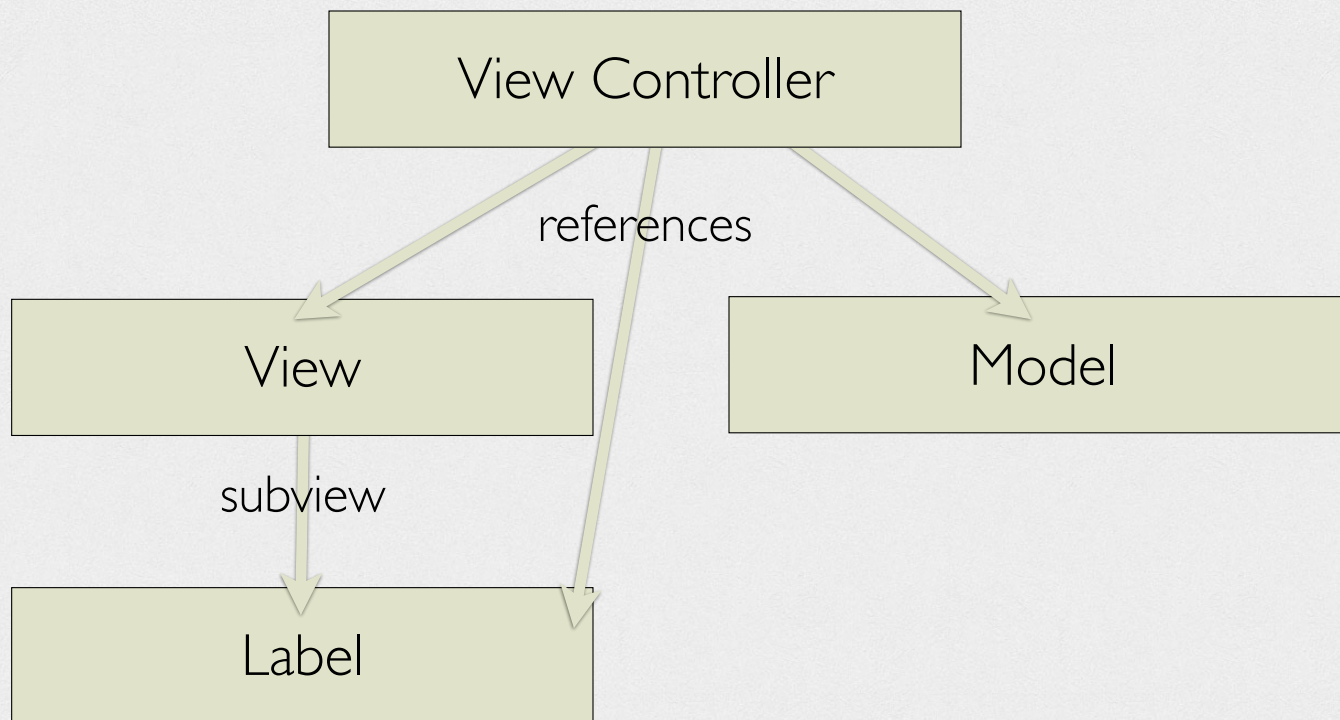
⚙ Simple starting point: **Single View Application** Template

⚙ It makes you:

- ⚙ An application delegate
- ⚙ A single view controller
- ⚙ A main Storyboard



App Structure: MVC



View Controller Lifecycle

⚙️ Methods in UIViewController

⚙️ viewDidLoad

Called first time
viewController's view property
accessed.

⚙️ viewWillAppear

Often a good place to populate
views from model.

⚙️ viewDidAppear

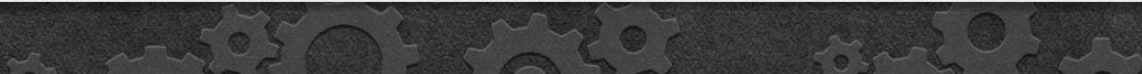
⚙️ viewWillDisappear

⚙️ viewDidDisappear

⚙️ didReceiveMemoryWarning

Happens when device is low on
memory.

Demo: What It Did



Challenge Time!

```
jokes = [String]()
jokes.append("They once named a street after Chuck Norris, but they
             had to close it down because no one dared cross Chuck Norris.")
jokes.append("The truth hurts because Chuck Norris roundhouse kicked
             it.")
jokes.append("Chuck Norris doesn't cheat death, he beats it fair and
             square.")
jokes.append("Ghosts sit around the campfire and tell Chuck Norris
             stories.")
jokes.append("Chuck Norris only uses stunt doubles for crying sc
             enes.")
jokes.append("That's not an eclipse – it's the sun hiding from Chuck
             Norris.")
```