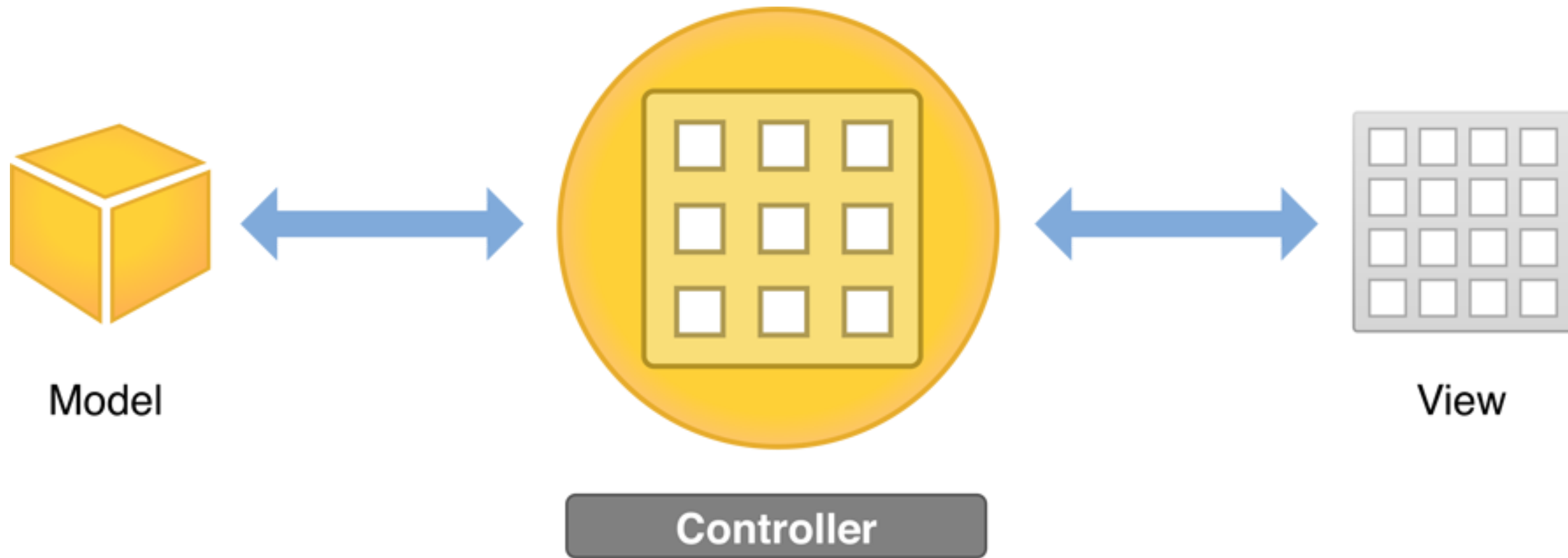
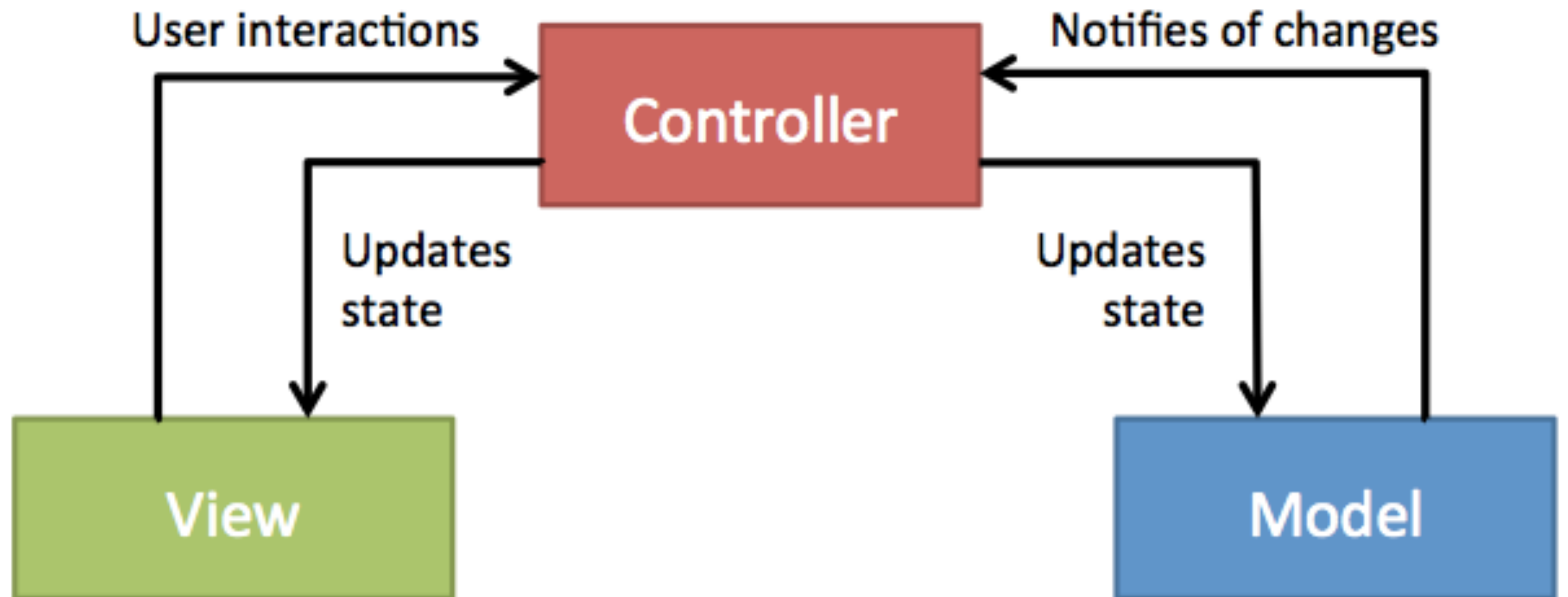


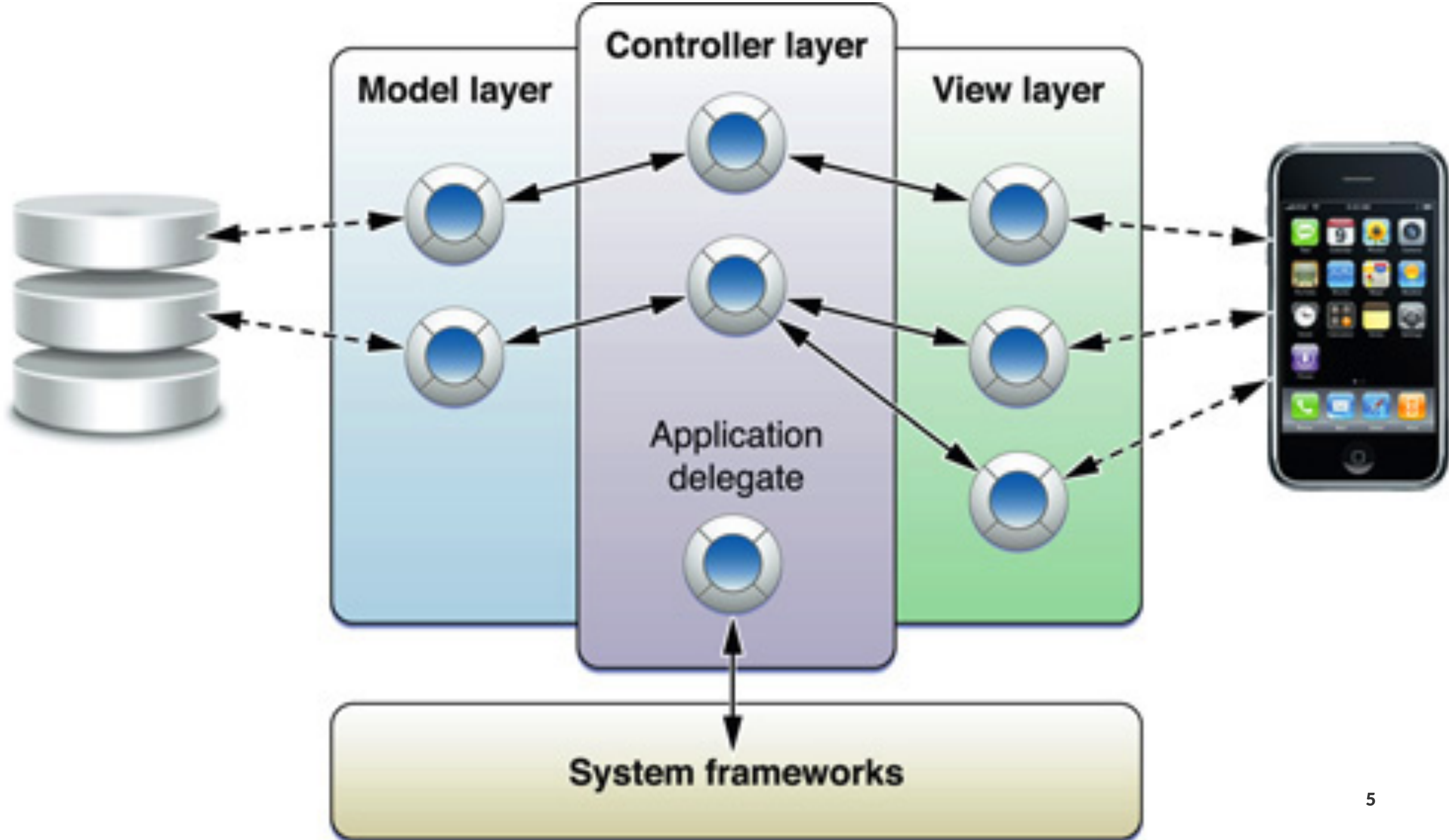
MVC

Model-View-Controller

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







Model

- Dados
- Lógica de negócio
- Repositórios
- Não deve saber **nada** sobre a **View**
- Avisa o **Controller** de mudanças

View

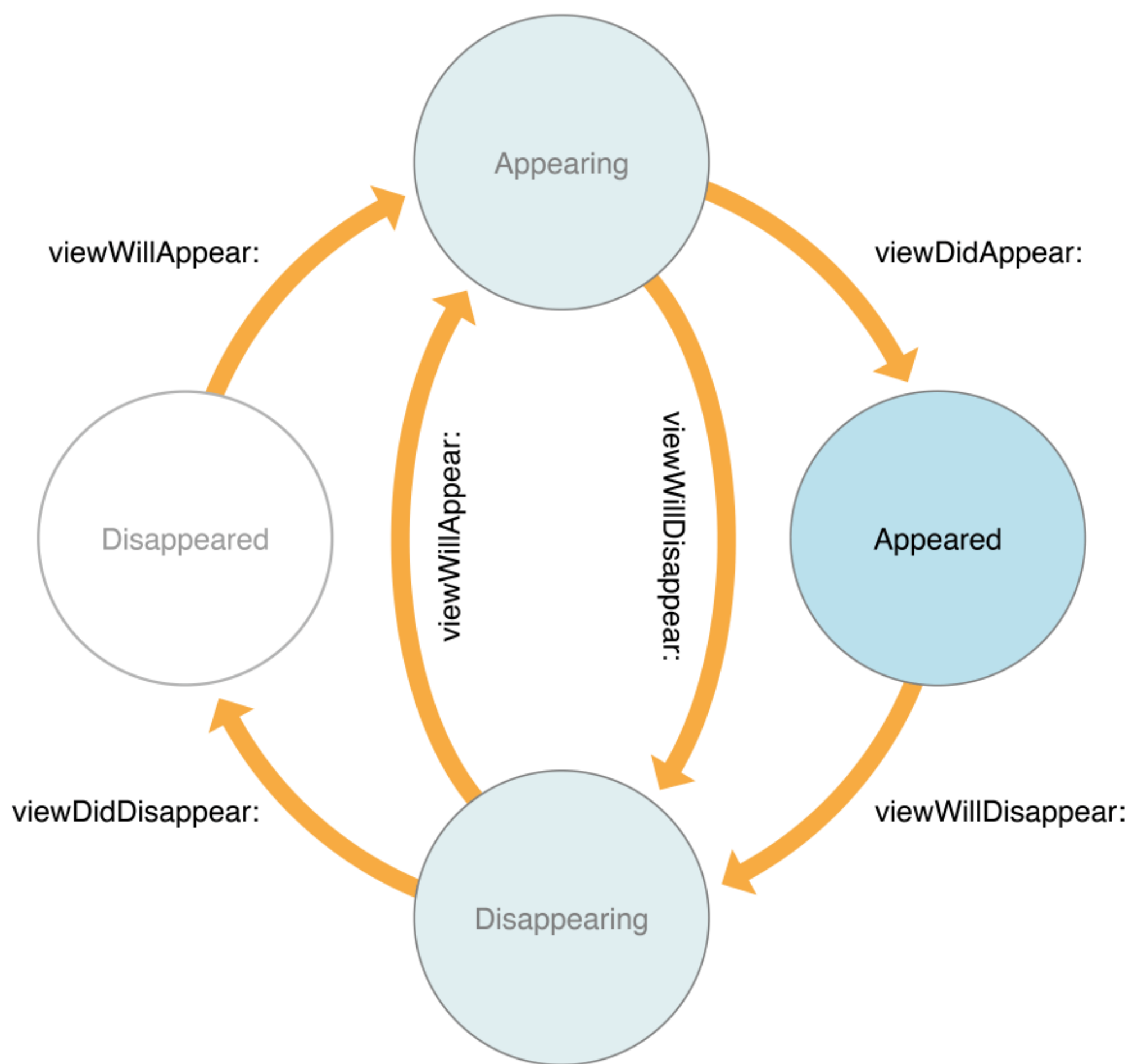
- Tudo que é mostrado na tela
- No iOS, geralmente herda de UIView (diretamente ou indiretamente)
- Avisa o **Controller** de interações (botão pressionado, texto digitado, etc)

Controller

- Responsável por fazer a coordenação entre **Model** e **View**
- Altera **Model** e **View**
- Escuta mudanças do **Model** e interações feitas na **View**

UIViewController

- Todo UIViewController é um controller, mas nem todo controller é um UIViewController
- Na prática, subclasses são usadas
- Representa uma "tela" do app
- Ciclo de vida da view



```
class ViewController: UIViewController {  
    override func viewDidLoad() {  
        super.viewDidLoad()  
        view.backgroundColor = .blueColor()  
    }  
  
    override func viewWillAppear(animated: Bool) {  
        super.viewWillAppear(animated)  
        view.backgroundColor = .greenColor()  
    }  
}
```

Qual vai ser a cor de fundo da view?



Colin Campbell

@Colin_Campbell



iOS architecture, where MVC stands for
Massive View Controller

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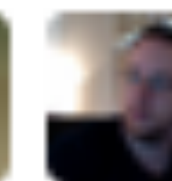
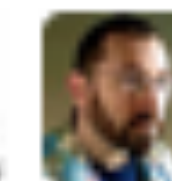
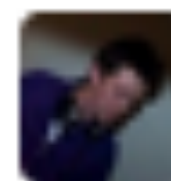
 More

205

RETWEETS

80

FAVORITES



Cuidado para não colocar tudo no
UIViewController!

Criação do projeto

lift off



Liftoff

- CLI para configurar projetos iOS
- Open Source: <https://github.com/thoughtbot/liftoff>
- Cria estrutura melhor que a padrão do Xcode
- Templates configuráveis
- <https://github.com/marcelofabri/liftoff-template>

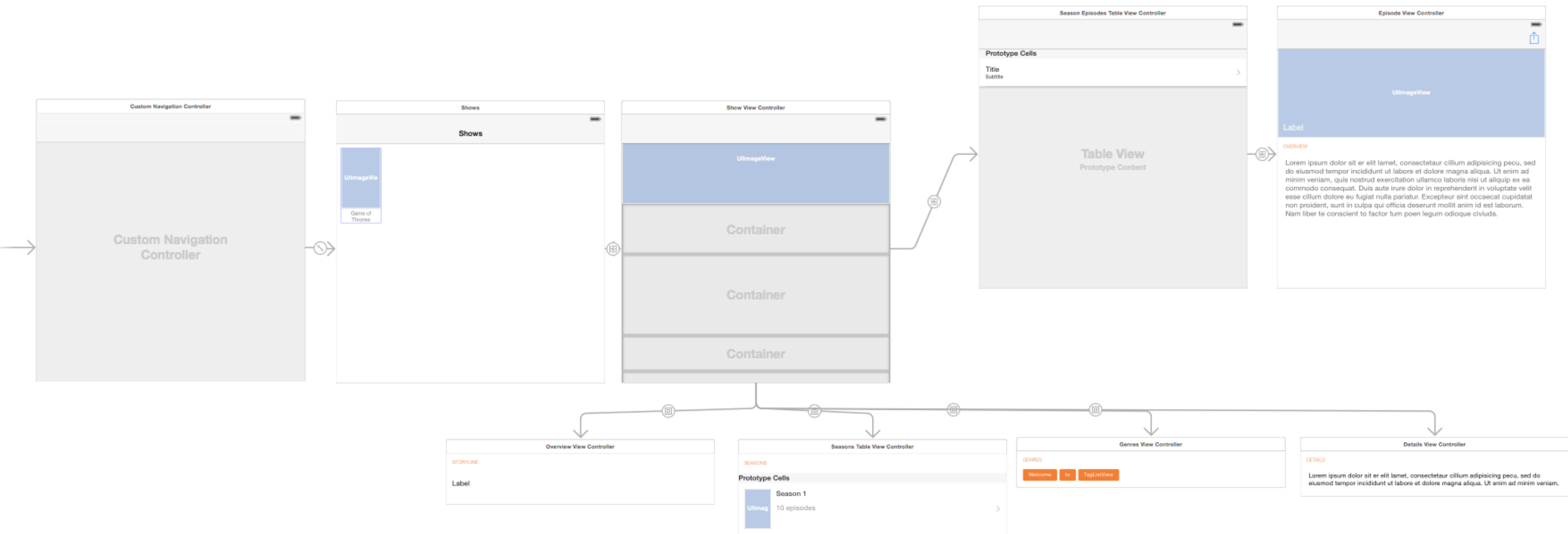
Como criar views?

- Na mão (ou seja, via código)
- XIB
- Storyboard

Como criar views?

- ~~Na mão (ou seja, via código)~~
- ~~XIB~~
- **Storyboard**

OBS: XIB pode ser uma opção interessante quando se trata de um componente (view) isolado, que será reutilizado.



Views

- Várias classes já implementadas no UIKit

<https://developer.apple.com/library/ios/documentation/UserExperience/Conceptual/UIKitUICatalog/index.html>

<https://developer.apple.com/library/ios/samplecode/UICatalog/Introduction/Intro.html>

UIView

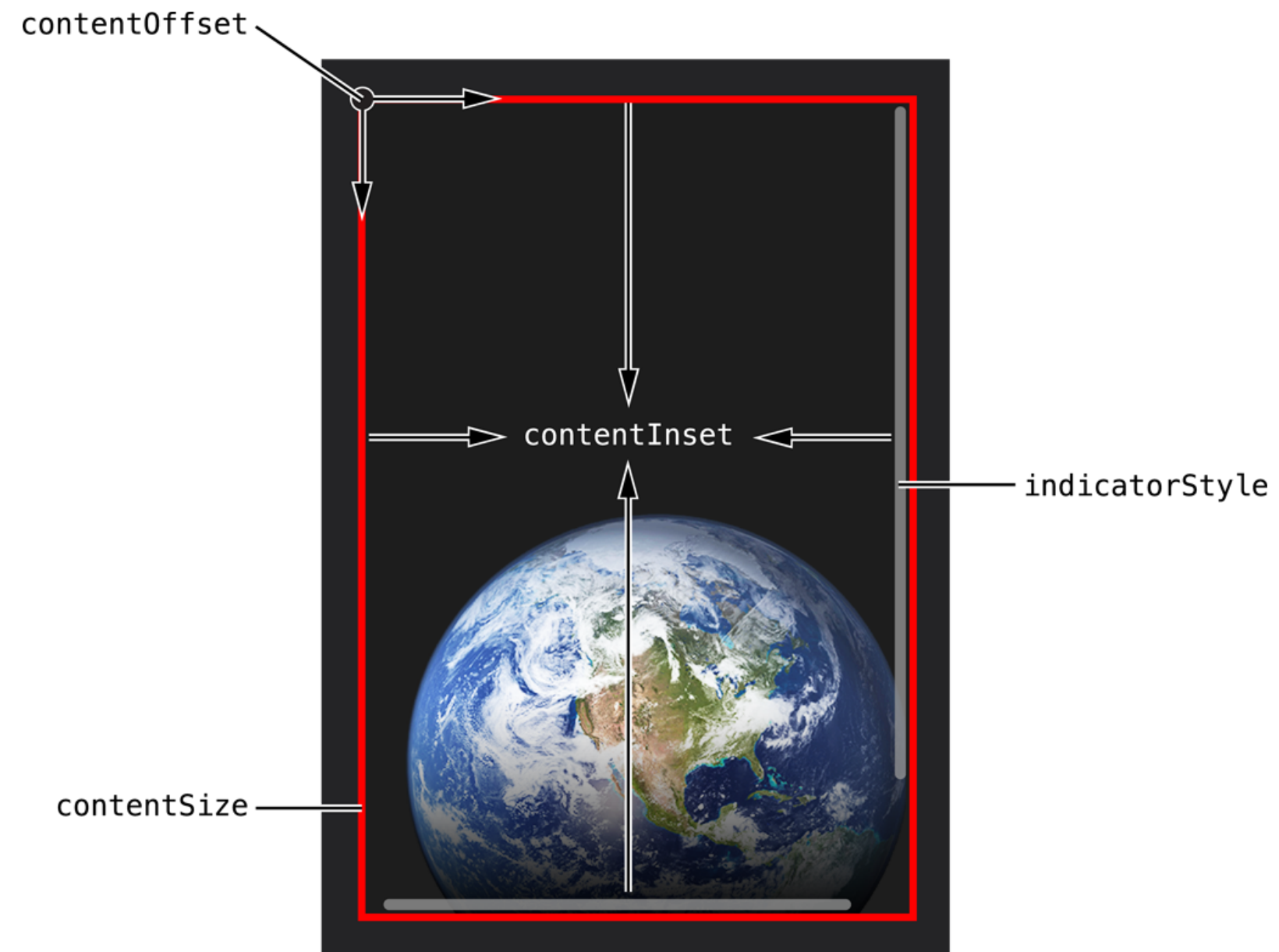
- `frame` e `bounds`
- `alpha`
- `backgroundColor`
- `tintColor`
- `hidden`

https://developer.apple.com/library/ios/documentation/UIKit/Reference/UIView_Class/index.html

UILabel

- text
- textColor
- font

UIScrollView



UIImageView

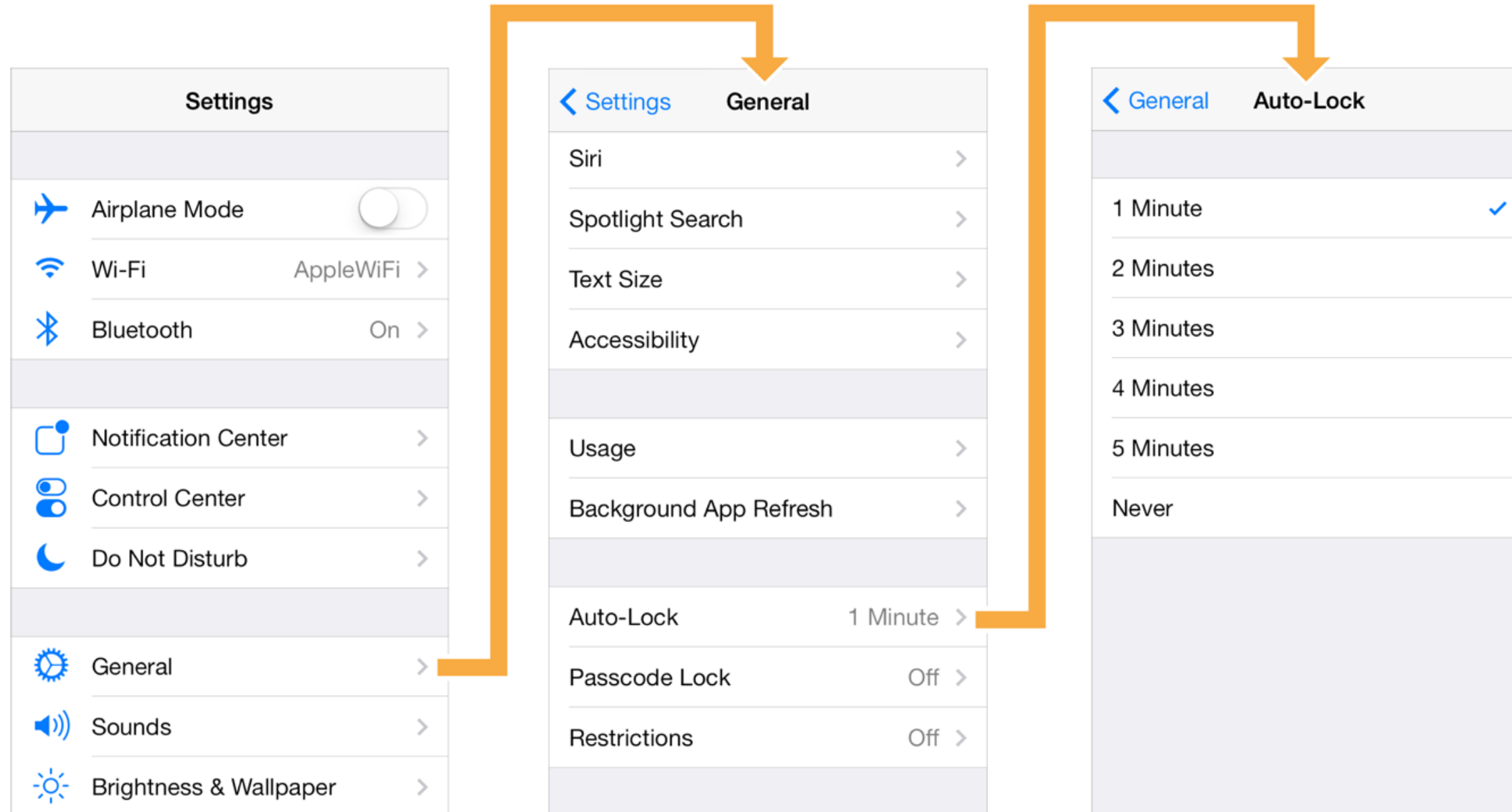
- image
- .contentMode

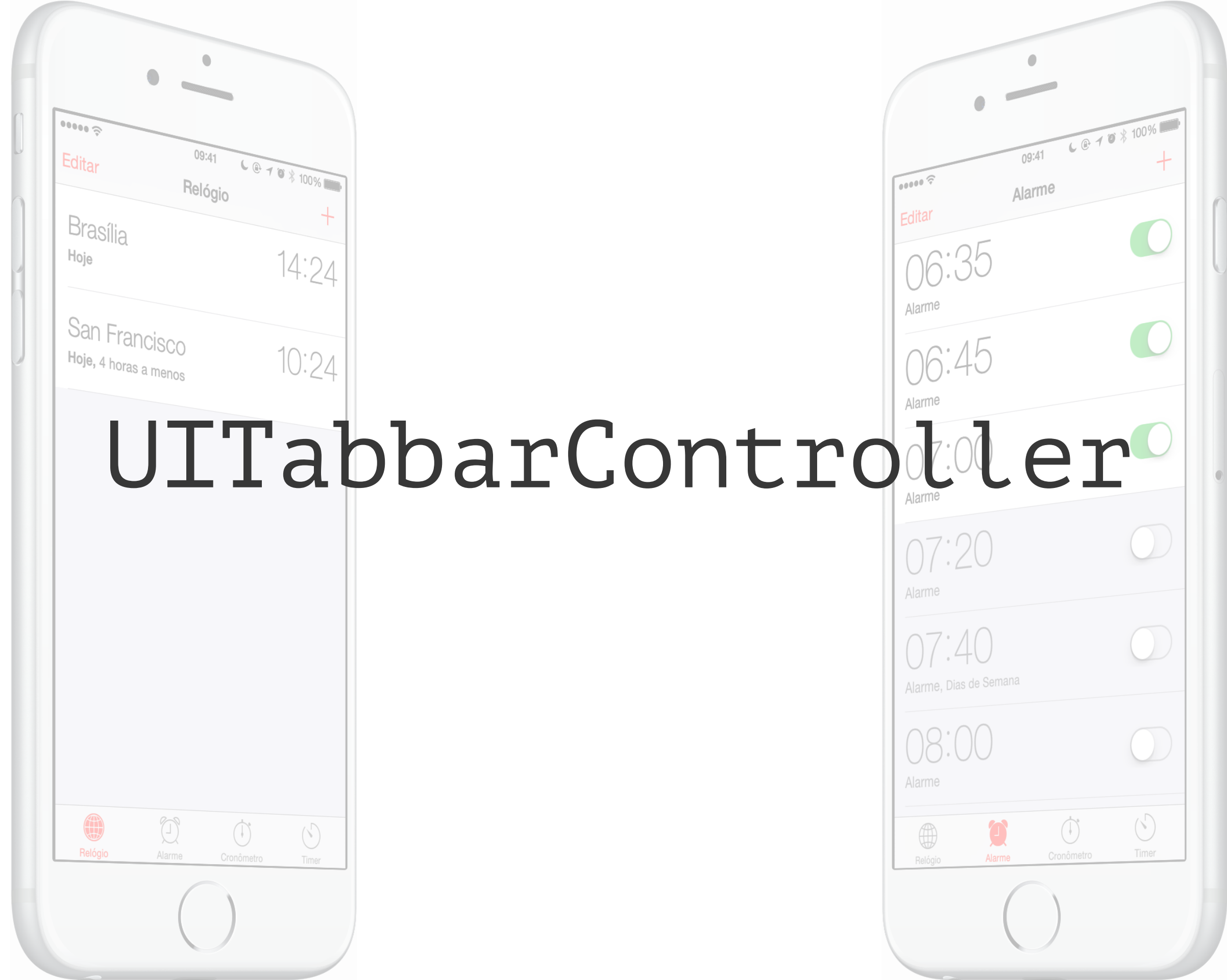
UITextView

- text
- editable

Container View Controllers

UINavigationController







9:41 AM

100%

< Season 1 Episode 1



Winter Is Coming

OVERVIEW

Ned Stark, Lord of Winterfell learns that his mentor, Jon Arryn, has died and that King Robert is on his way north to offer Ned Arryn's position as the King's Hand. Across the Narrow Sea in Pentos, Viserys Targaryen plans to wed his sister Daenerys to the nomadic Dothraki warrior leader, Khal Drogo to forge an alliance to take the throne.

Customizar a navigation bar

UIAppearance

```
let appearance = UINavigationController.appearance()  
appearance.barTintColor = UIColor.mup_orangeColor()
```

```
let attrs = [NSForegroundColorAttributeName: UIColor.whiteColor()]  
appearance.titleTextAttributes = attrs  
appearance.tintColor = UIColor.whiteColor()
```

```
class CustomNavigationController: UINavigationController {  
    override func preferredStatusBarStyle() -> UIStatusBarStyle {  
        return .LightContent  
    }  
}
```