

스위프트를 이용한 아이폰 앱 개발 시작하기

2020년 2월



충남대학교 컴퓨터공학과

월

화

수

목

3일

4일

5일

6일

[--Swift 초급 Day!--]

[--Swift 중급 Day! --]

let 초급 = "3일-4일(월-화) 오후 1시-4시"

let 중급 = "5일-6일(수-목) 오후 1시-4시"

let 장소 = "@Mac실습실 (공과대학 5호관4층 414호)"

let 신청방법 = "https://qrgo.page.link/HETGH"



Day #4 - Pod 이용하기

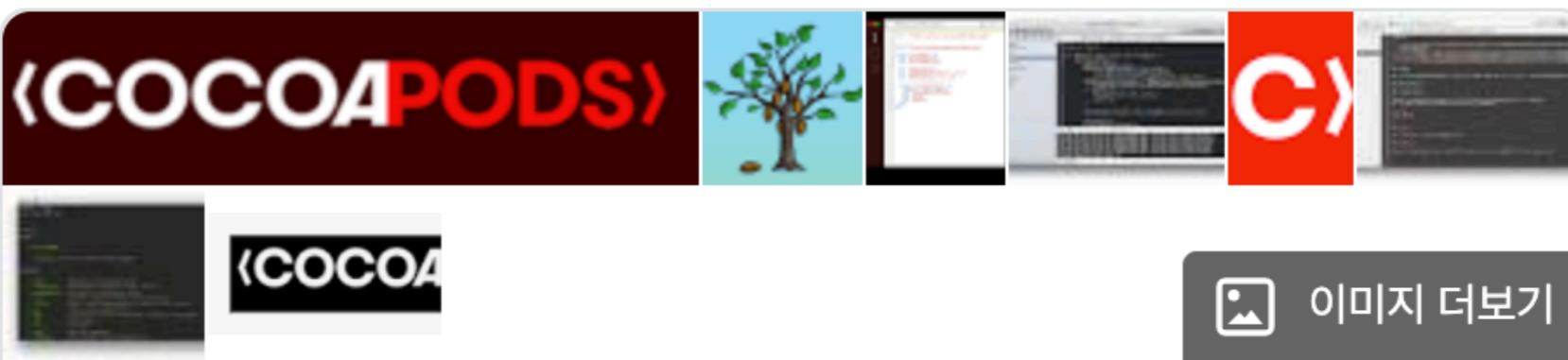
Day#3 보충

```
@IBAction func saveAlarm(_ sender: Any) {  
    Utils.shared.makeTimeNotification(pickerDate: picker.date)  
}  
  
let TIME_NOTIFICATION = "TIME_NOTIFICATION"  
func makeTimeNotification(pickerDate: Date) {  
    let content = UNMutableNotificationContent()  
    content.title = "Noti Title"  
    content.body = "Noti Body"  
  
    let triggerDate = Calendar.current.dateComponents([.hour, .minute],  
        from: pickerDate)  
  
    let trigger = UNCalendarNotificationTrigger(dateMatching:  
        triggerDate, repeats: true)  
    let request = UNNotificationRequest(identifier: TIME_NOTIFICATION,  
        content: content, trigger: trigger)  
    UNUserNotificationCenter.current().add(request,  
        completionHandler: nil)  
}
```

CocoaPods

Making
Your Own

〈COCOAPODS〉



CocoaPods



영어에서 번역됨 - CocoaPods는 Objective-C, Swift 및 Objective-C 런타임에서 실행되는 다른 언어 (예 : RubyMotion)의 외부 라이브러리 관리를 위한 표준 형식을 제공하는 응용 프로그램 레벨 종속성 관리자입니다. [위키백과\(영어\)](#)

[원래 설명 보기](#) ▾

작성 언어: 루비

플랫폼: [macOS](#), [iOS](#), [watchOS](#), [tvOS](#)

관련 검색어

[15개 이상 항목 더보기](#)



[홈브루](#)



[엑스코드](#)



[Gradle](#)

Flutter



[키체인 접근](#)

피드백

<https://cocoapods.org/>

SEARCH*



* Type here to search by name, author and summary.

WHAT IS COCOAPODS

CocoaPods is a dependency manager for Swift and Objective-C Cocoa projects. It has over 70 thousand libraries and is used in over 3 million apps. CocoaPods can help you scale your projects elegantly.

INSTALL

GET STARTED

CREATE A POD

CocoaPods is built with Ruby and is installable with the default Ruby available on macOS. We recommend you use the default ruby.

Using the default Ruby install can require you to use `sudo` when installing gems. Further installation instructions are in [the guides](#).

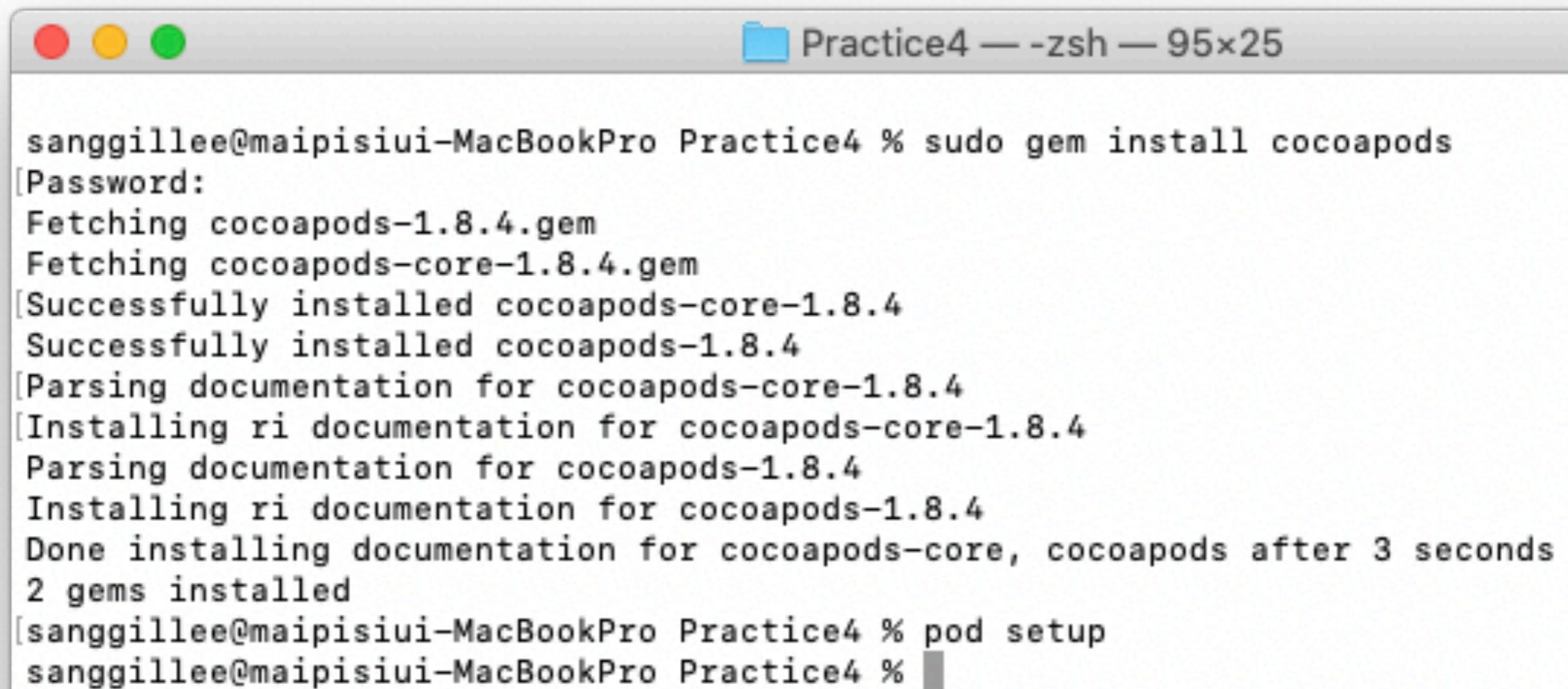
```
$ sudo gem install cocoapods
```

We also have a [Mac app](#) for CocoaPods. It only gets major releases ATM though.

코코아팟 사용 목적

- 오픈 소스 라이브러리와 프로젝트 관리를 위함
- 프로젝트에 오픈소스 추가를 쉽고 편하게 할 수 있음
- 인터넷이 되는 환경에서 라이브러리 활용이 쉬움
- 소스코드 이전 시, 라이브러리는 환경에 맞게 추가 가능

사용법- 터미널 이용



sanggillee@maipisiui-MacBookPro Practice4 % sudo gem install cocoapods
[Password:
Fetching cocoapods-1.8.4.gem
Fetching cocoapods-core-1.8.4.gem
[Successfully installed cocoapods-core-1.8.4
Successfully installed cocoapods-1.8.4
[Parsing documentation for cocoapods-core-1.8.4
[Installing ri documentation for cocoapods-core-1.8.4
Parsing documentation for cocoapods-1.8.4
Installing ri documentation for cocoapods-1.8.4
Done installing documentation for cocoapods-core, cocoapods after 3 seconds
2 gems installed
[sanggillee@maipisiui-MacBookPro Practice4 % pod setup
sanggillee@maipisiui-MacBookPro Practice4 %

프로젝트에 적용

The image displays three vertically stacked terminal windows from a Mac OS X system, illustrating the steps to initialize a new Xcode project using CocoaPods.

- Top Terminal:** Shows the command `pod init` being run in the `Practice4` directory. The output shows the creation of several files: `Podfile`, `Podfile.lock`, `Pods`, `Practice4`, `Practice4.xcodeproj`, and `Practice4.xcworkspace`.
- Middle Terminal:** Shows the command `ls` being run to list the contents of the `Practice4` directory. The listed files are `Podfile`, `Podfile.lock`, `Pods`, `Practice4`, `Practice4.xcodeproj`, and `Practice4.xcworkspace`.
- Bottom Terminal:** Shows the contents of the `Podfile` file. It includes comments for defining a global platform and using frameworks, followed by a target definition for the `'Practice4'` project, which specifies the addition of the `'MDatePickerView'` pod.

```
[sanggillee@maipisiui-MacBookPro Practice4 % cd ~/Documents/iOS/Practice4
[sanggillee@maipisiui-MacBookPro Practice4 % pod init]

[sanggillee@maipisiui-MacBookPro Practice4 % ls
Podfile          Pods           Practice4.xcodeproj
Podfile.lock      Practice4      Practice4.xcworkspace
[sanggillee@maipisiui-MacBookPro Practice4 %

[sanggillee@maipisiui-MacBookPro Practice4 — vi Podfile — 95x25
# Uncomment the next line to define a global platform for your project
# platform :ios, '9.0'

target 'Practice4' do
  # Comment the next line if you don't want to use dynamic frameworks
  use_frameworks!

  # Pods for Practice4
  pod 'MDatePickerView'

end
~
```

"Podfile" 11L, 257C

명령어를 통해 xcworkspace 생성

The terminal window shows the following output:

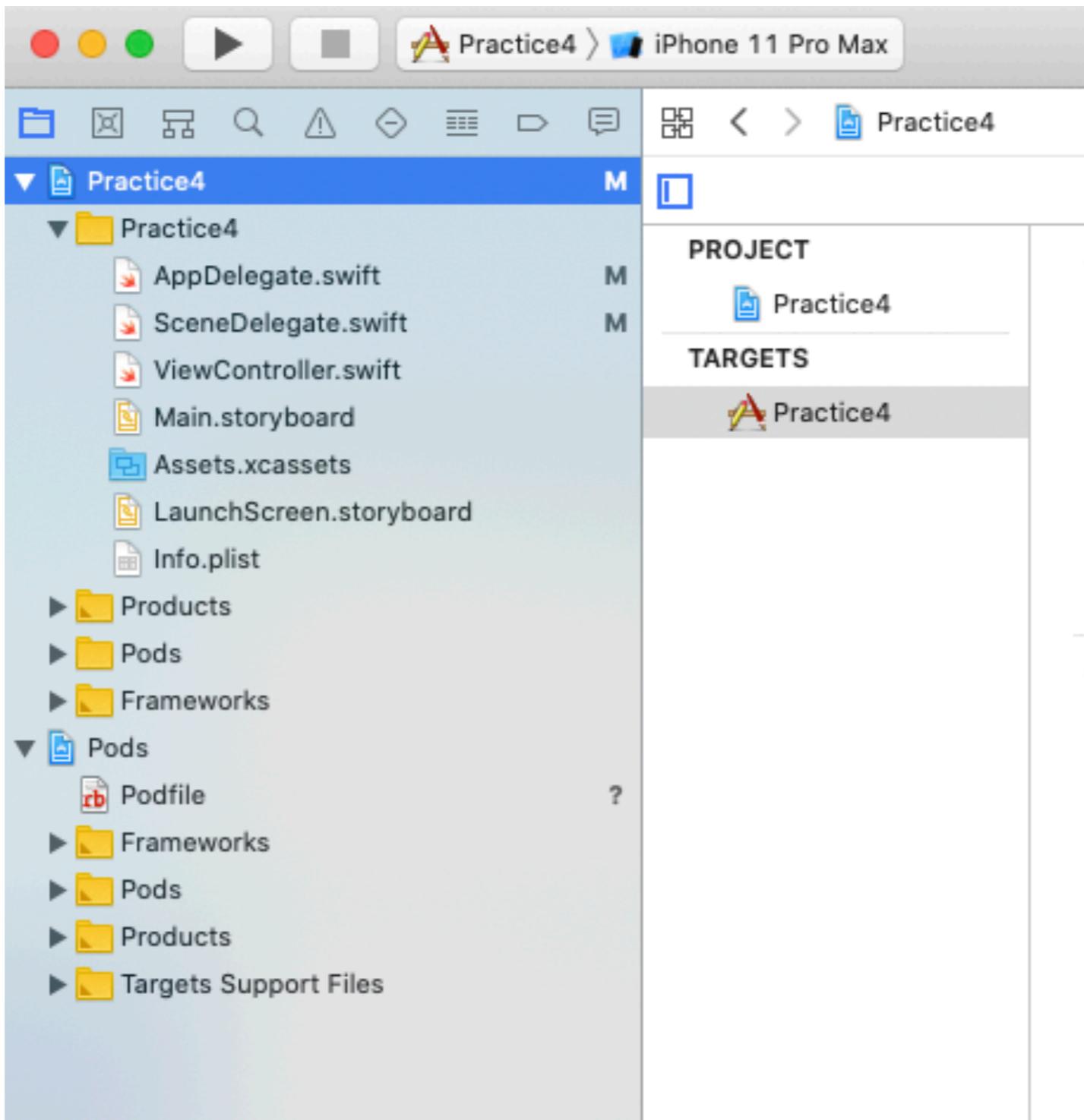
```
sanggillee@maipisiuui-MacBookPro Practice4 % pod install
Analyzing dependencies
Downloading dependencies
Generating Pods project
Integrating client project
Pod installation complete! There is 1 dependency from the Podfile and 1 total pod installed.

[!] Automatically assigning platform `iOS` with version `11.0` on target `Practice4` because no
platform was specified. Please specify a platform for this target in your Podfile. See `https://
/guides.cocoapods.org/syntax/podfile.html#platform`.
sanggillee@maipisiuui-MacBookPro Practice4 %
```

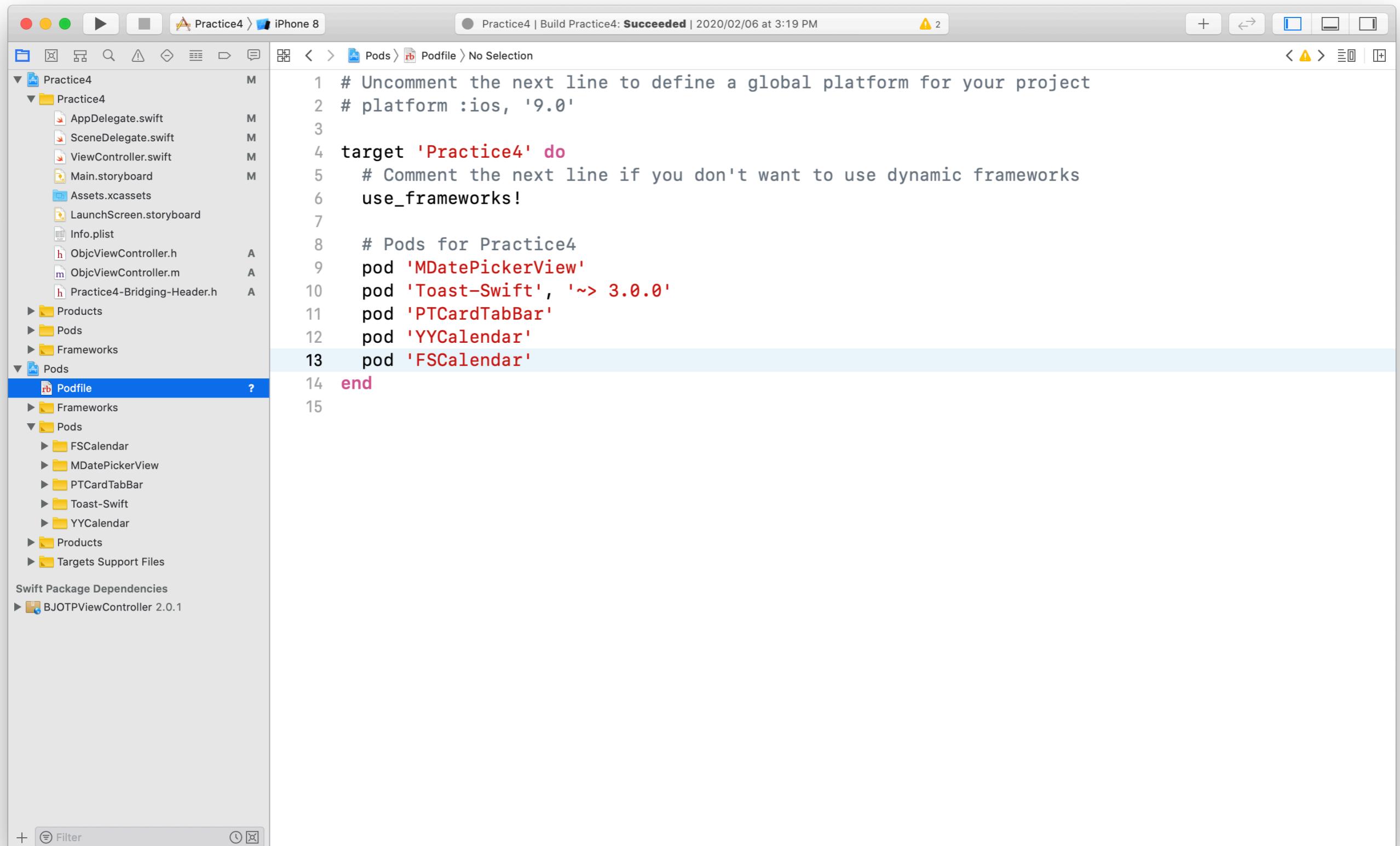
The Finder window shows the contents of the 'Practice4' directory:

이름	수정일	크기	종류
Podfile	오늘 오후 12:28	257바이트	텍스트 편집
Podfile.lock	오늘 오후 12:29	268바이트	문서
Pods	오늘 오전 8:15	--	폴더
Practice4	오늘 오전 10:06	--	폴더
Practice4.xcodeproj	오늘 오전 8:15	30KB	Xcode Pr
Practice4.xcworkspace	오늘 오전 8:16	21KB	Xcode...r

Xcworkspace를 통한 프로젝트 오픈 및 관리



Pod 파일 접근 방법



The screenshot shows the Xcode interface with the project 'Practice4' selected. The Project Navigator on the left displays the project structure, including files like AppDelegate.swift, SceneDelegate.swift, ViewController.swift, Main.storyboard, Assets.xcassets, LaunchScreen.storyboard, Info.plist, ObjcViewController.h, ObjcViewController.m, and Practice4-Bridging-Header.h. Below the main project folder is a 'Pods' folder, which contains subfolders for various pods: FSCalendar, MDatePickerView, PTCardTabBar, Toast-Swift, YYCalendar, Products, and Targets Support Files. A 'Podfile' is also listed under the 'Pods' folder. The Editor area on the right shows the content of the 'Podfile'. The code is as follows:

```
1 # Uncomment the next line to define a global platform for your project
2 # platform :ios, '9.0'
3
4 target 'Practice4' do
5   # Comment the next line if you don't want to use dynamic frameworks
6   use_frameworks!
7
8   # Pods for Practice4
9   pod 'MDatePickerView'
10  pod 'Toast-Swift', '~> 3.0.0'
11  pod 'PTCardTabBar'
12  pod 'YYCalendar'
13  pod 'FSCalendar'
14 end
15
```

<https://github.com/scalessec/Toast-Swift>

라이브러리 소개: Toast

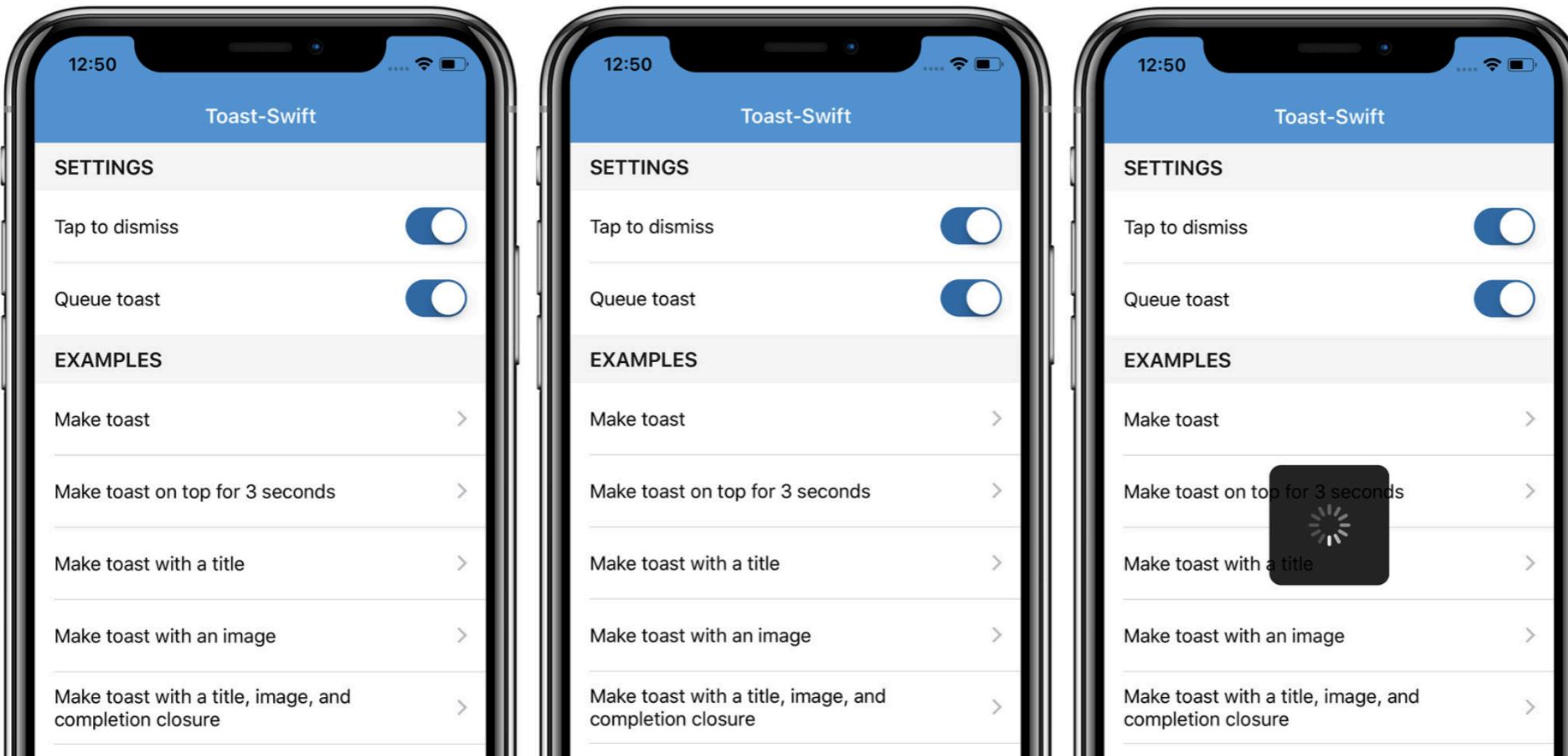
Toast-Swift

build passing pod v5.0.1 Carthage compatible

Toast-Swift is a Swift extension that adds toast notifications to the `UIView` object class. It is intended to be simple, lightweight, and easy to use. Most toast notifications can be triggered with a single line of code.

Toast-Swift is a native Swift port of [Toast for iOS](#).

Screenshots



Basic Examples

```
// basic usage
self.view.makeToast("This is a piece of toast")

// toast with a specific duration and position
self.view.makeToast("This is a piece of toast", duration: 3.0, position: .top)

// toast presented with multiple options and with a completion closure
self.view.makeToast("This is a piece of toast", duration: 2.0, point: CGPoint(x: 110.0, y: 110.0), title:
    if didTap {
        print("completion from tap")
    } else {
        print("completion without tap")
    }
}

// display toast with an activity spinner
self.view.makeTextActivity(.center)

// display any view as toast
self.view.showToast(myView)

// immediately hides all toast views in self.view
self.view.hideAllToasts()
```

MDatePickerView

Branch: master ▾ MDatePickerView / README.md Find file Copy path

Cannot retrieve latest commit at this time.

0 contributors

Executable File | 69 lines (57 sloc) | 2.62 KB Raw Blame History

The screenshot displays four separate instances of the MDatePickerView component, each showing a different date range and color scheme. From left to right:

- A blue-themed picker showing Jan 12, 13, and 14, with the date 2020-01-13 displayed below.
- An orange-themed picker showing Apr 23, 24, and 25, with the date 2020-04-24 displayed below.
- A grey-themed picker showing Jan 12, 13, and 14, with the date 2019-01-13 displayed below.
- A green-themed picker showing Jul 16, 17, and 18, with the date 2027-08-17 displayed below.

Swift 4 pod v1.2.2 license MIT platform ios build passing

Requirements

- iOS 9.0
- Xcode 9
- Swift 4.0

<https://github.com/MattLPLL/MDatePickerView/blob/master/README.md>

Installation

You can install MDatePickerView in several ways:

Add source files to your project.

- Use CocoaPods:

```
pod 'MDatePickerView'
```

Usage

```
import MDatePickerView
```

Usage example

```
lazy var MDate : MDatePickerView = {
    let mdate = MDatePickerView()
    mdate.Color = .gray
    mdate.delegate = self
    mdate.from = 1980
    mdate.to = 2100
    return mdate
}()
```

Adopt the `MDatePickerViewDelegate` protocol in your view controller, e.g.

```
extension ViewController : MDatePickerViewDelegate {
    func mDatePickerView(selectDate: Date) {
        let formatter = DateFormatter()
        formatter.dateFormat = "yyyy - MM - dd"
        let date = formatter.string(from: selectDate)
        Label.text = date
    }
}
```

<https://github.com/Wenchaod/FSCalendar>

FSCalendar

 README.md



FSCalendar

Apps Using > 10,000 Total Downloads > 500,000

build passing pod v2.8.1 platform iOS 7+ Carthage compatible

language objc | swift

Table of contents

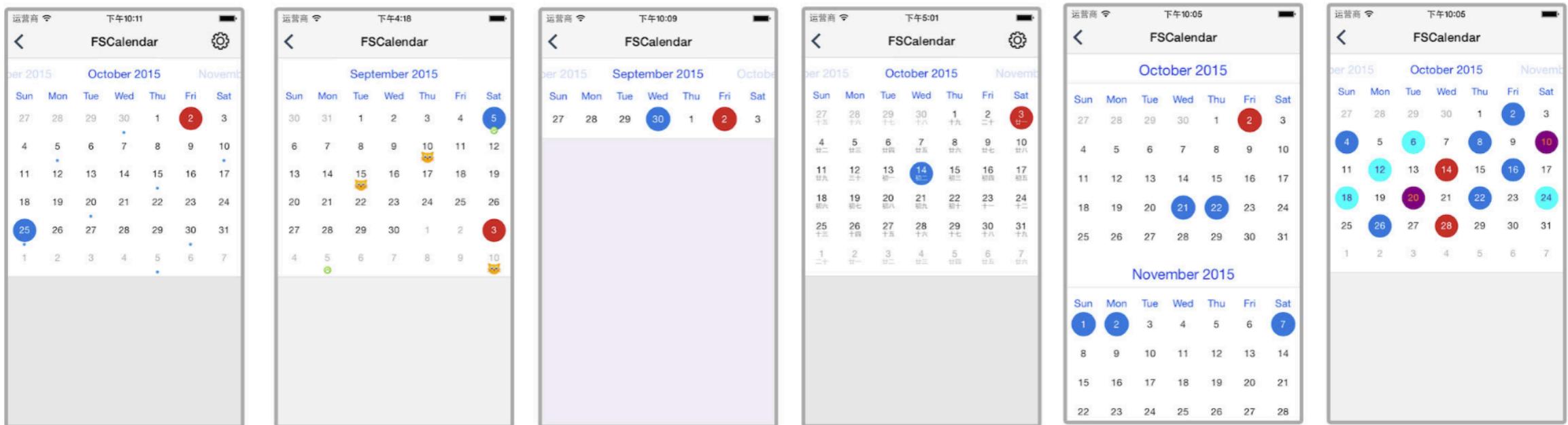
- [Screenshots](#)
- [Installation](#)

Table of contents

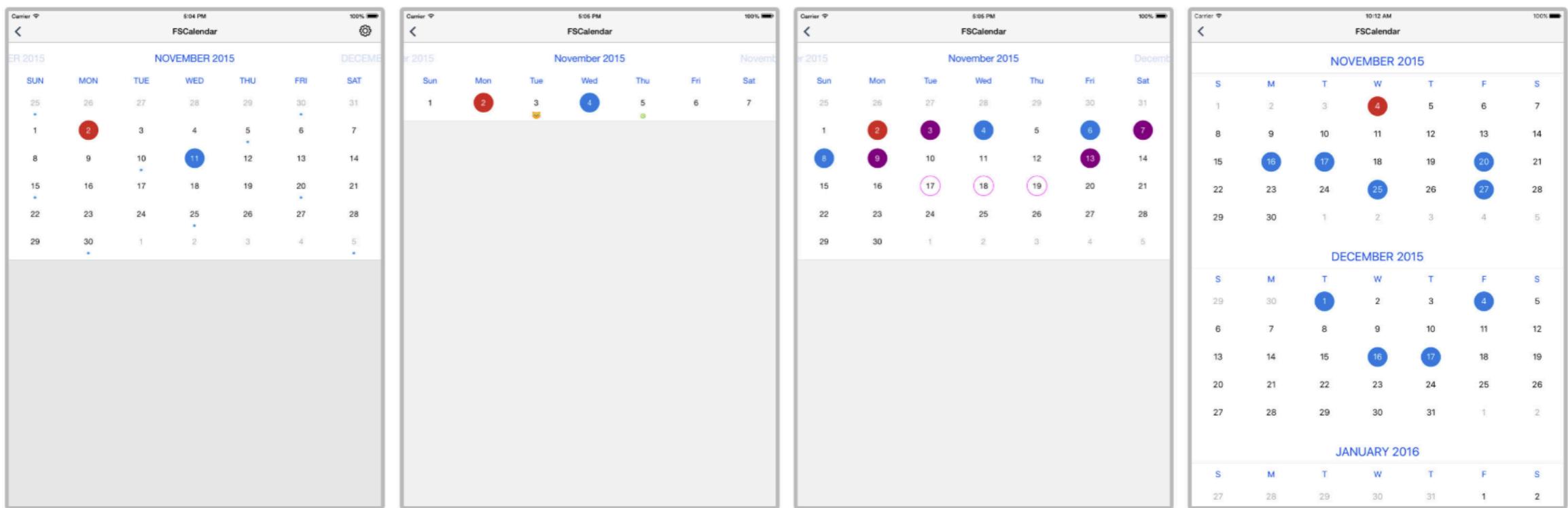
- [Screenshots](#)
- [Installation](#)
- [Pre-knowledge](#)
- [Support](#)
- [Contact](#)

Screenshots

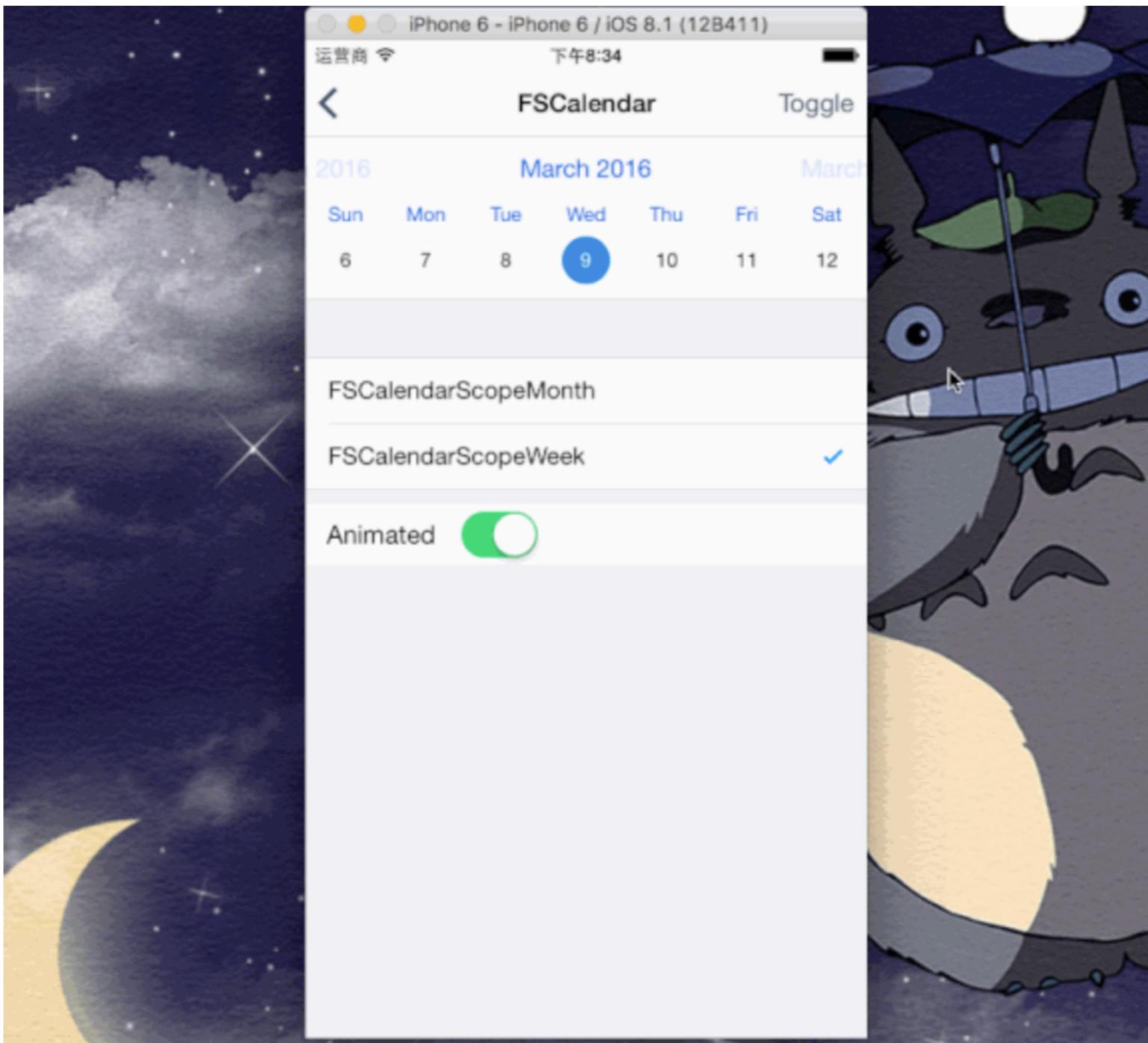
iPhone



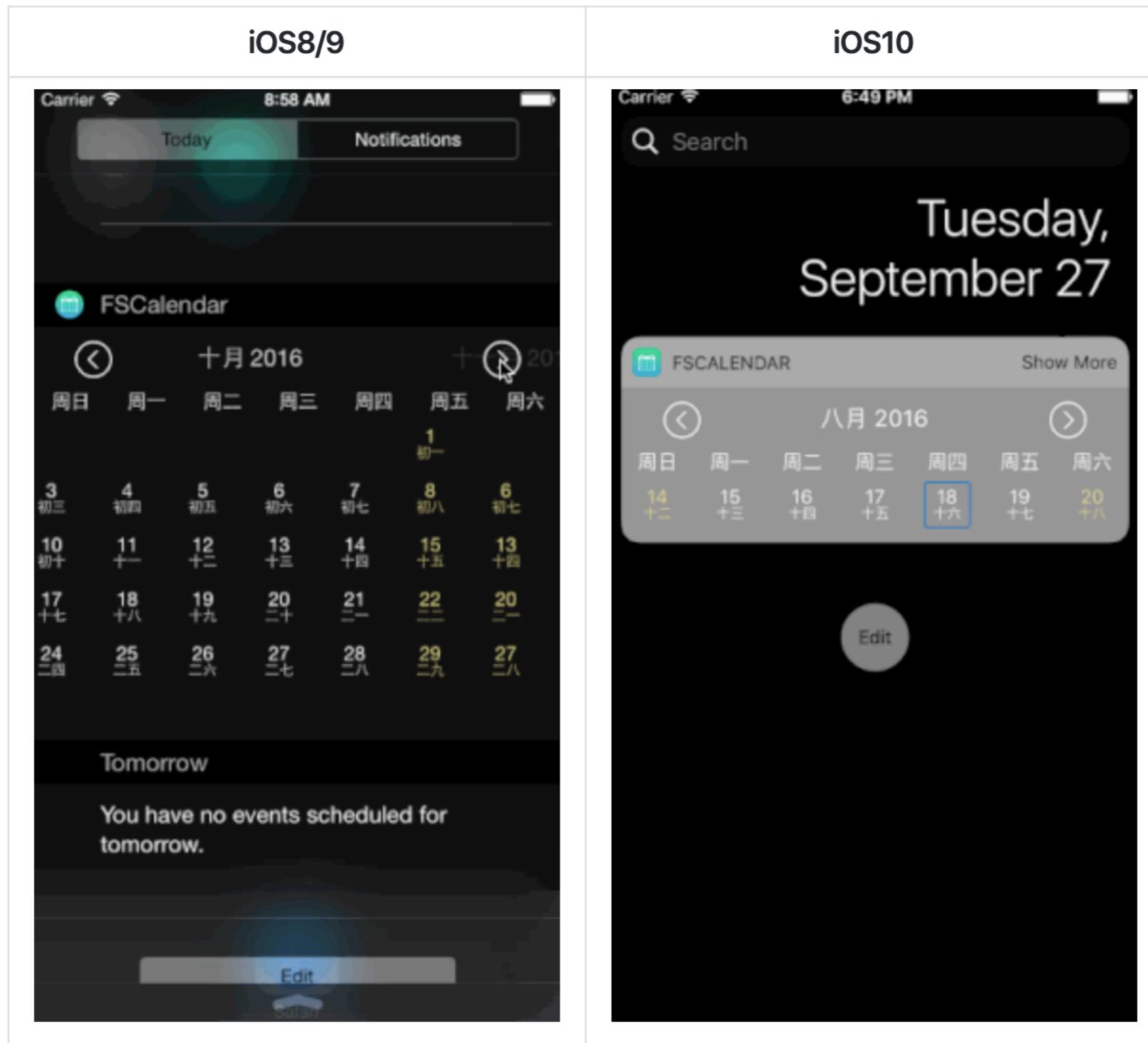
iPad



Safe Orientation



Today Extension



Installation

CocoaPods:

- For iOS8+: 

```
use_frameworks!
target '<Your Target Name>' do
    pod 'FSCalendar'
end
```

- For iOS7+:

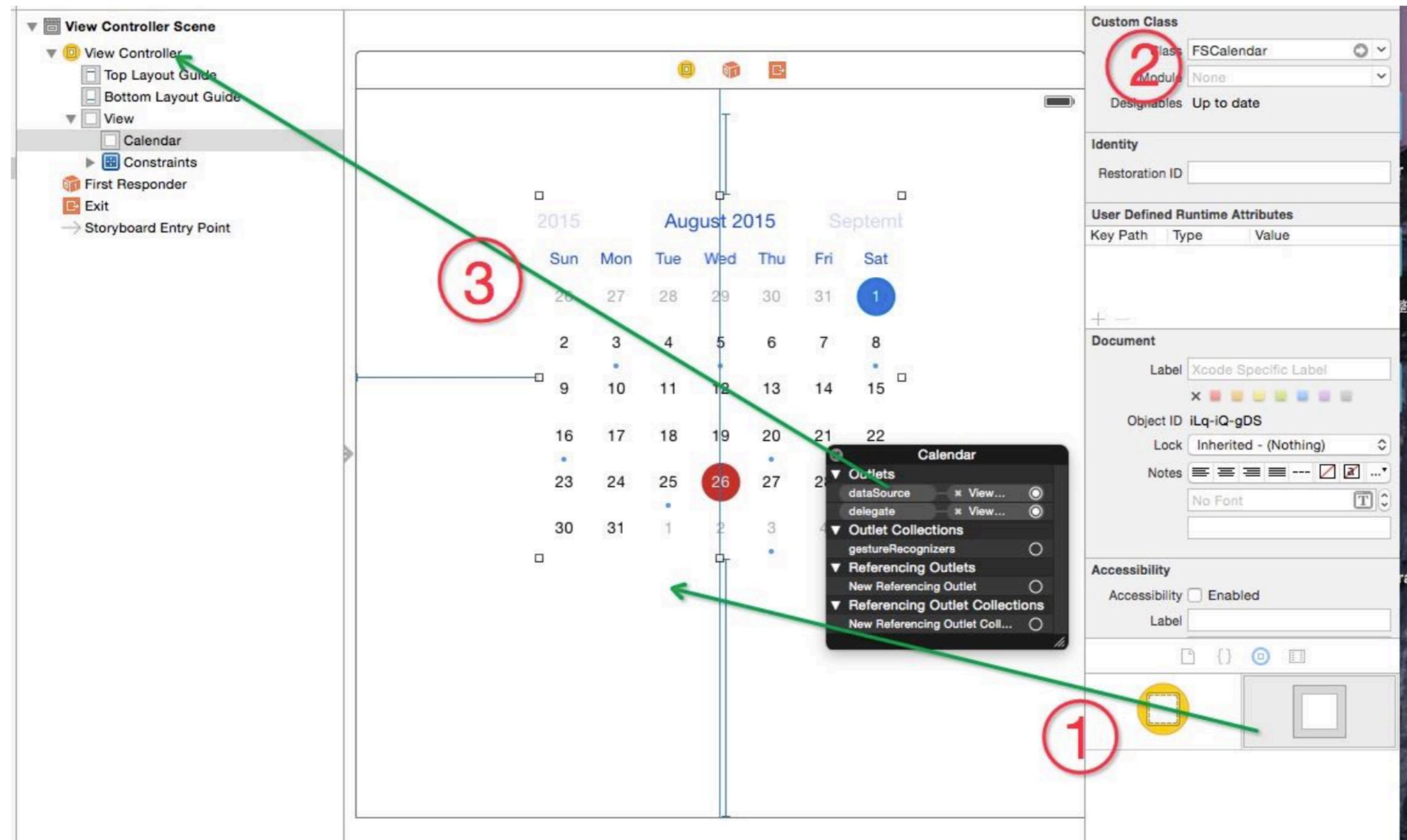
```
target '<Your Target Name>' do
    pod 'FSCalendar'
end
```

| [NSCalendarExtension](#) is required to get iOS7 compatibility.

Setup

Use Interface Builder

- 1、Drag an UIView object to ViewController Scene
- 2、Change the `Custom Class` to `FSCalendar`
- 3、Link `dataSource` and `delegate` to the ViewController



- 4、Finally, implement `FSCalendarDataSource` and `FSCalendarDelegate` in your `ViewController`

Or swift

- To use `FSCalendar` in swift, you need to [Create Bridge Header](#) first.

```
fileprivate weak var calendar: FSCalendar!
```

```
// In loadView or viewDidLoad
let calendar = FSCalendar(frame: CGRect(x: 0, y: 0, width: 320, height: 300))
calendar.dataSource = self
calendar.delegate = self
view.addSubview(calendar)
self.calendar = calendar
```

To use `FSCalendar` in Swift3, see [Example-Swift](#) for details.

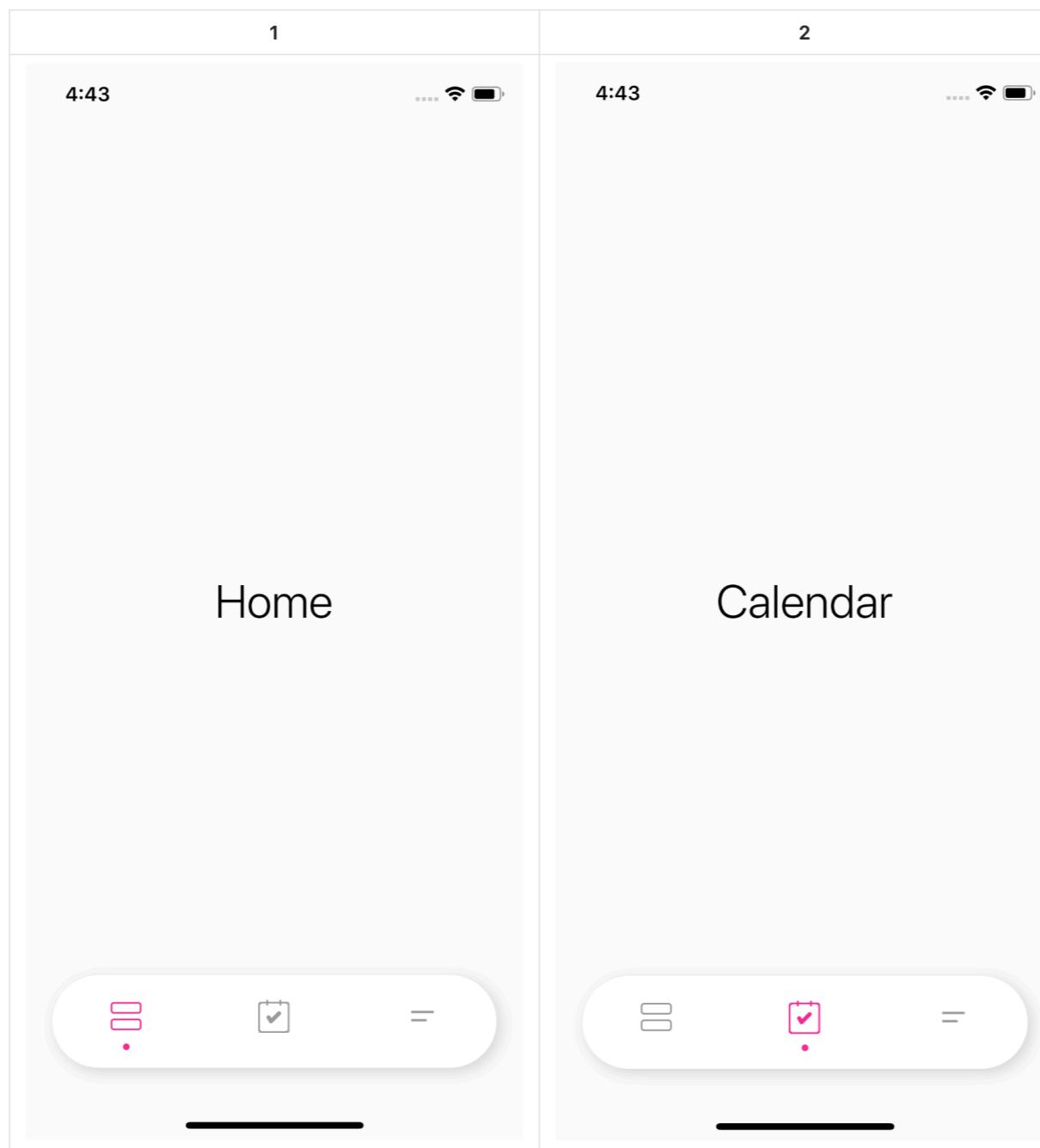
<https://github.com/hussc/PTCardTabBar>

PTCardTabBar

PTCardTabBar

build passing pod v1.0.1 license MIT platform ios

Screenshots



Example

To run the example project, clone the repo, and run `pod install` from the Example directory first.

Requirements

Installation

PTCardTabBar is available through [CocoaPods](#). To install it, simply add the following line to your Podfile:

```
pod 'PTCardTabBar'
```

Author

hussc, hus.sc@aol.com

License

PTCardTabBar is available under the MIT license. See the LICENSE file for more info.