



Ruby Gems for Objective-C

# Ruby Gems

- Manages installation of software packages
- Provides server from which to download
- Facilitates collaboration between developers

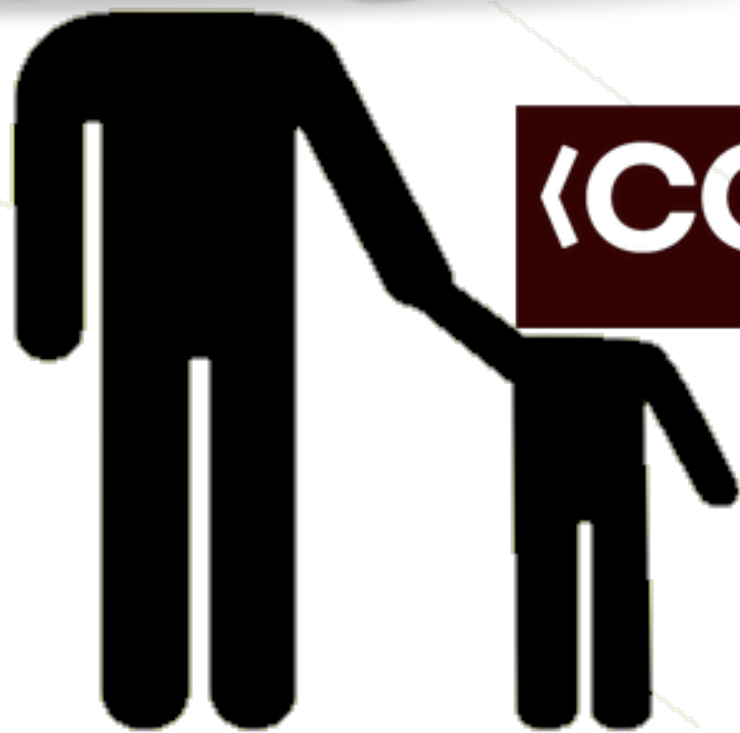


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# Apple?

The best way to manage your  
application's dependencies

# Bundler



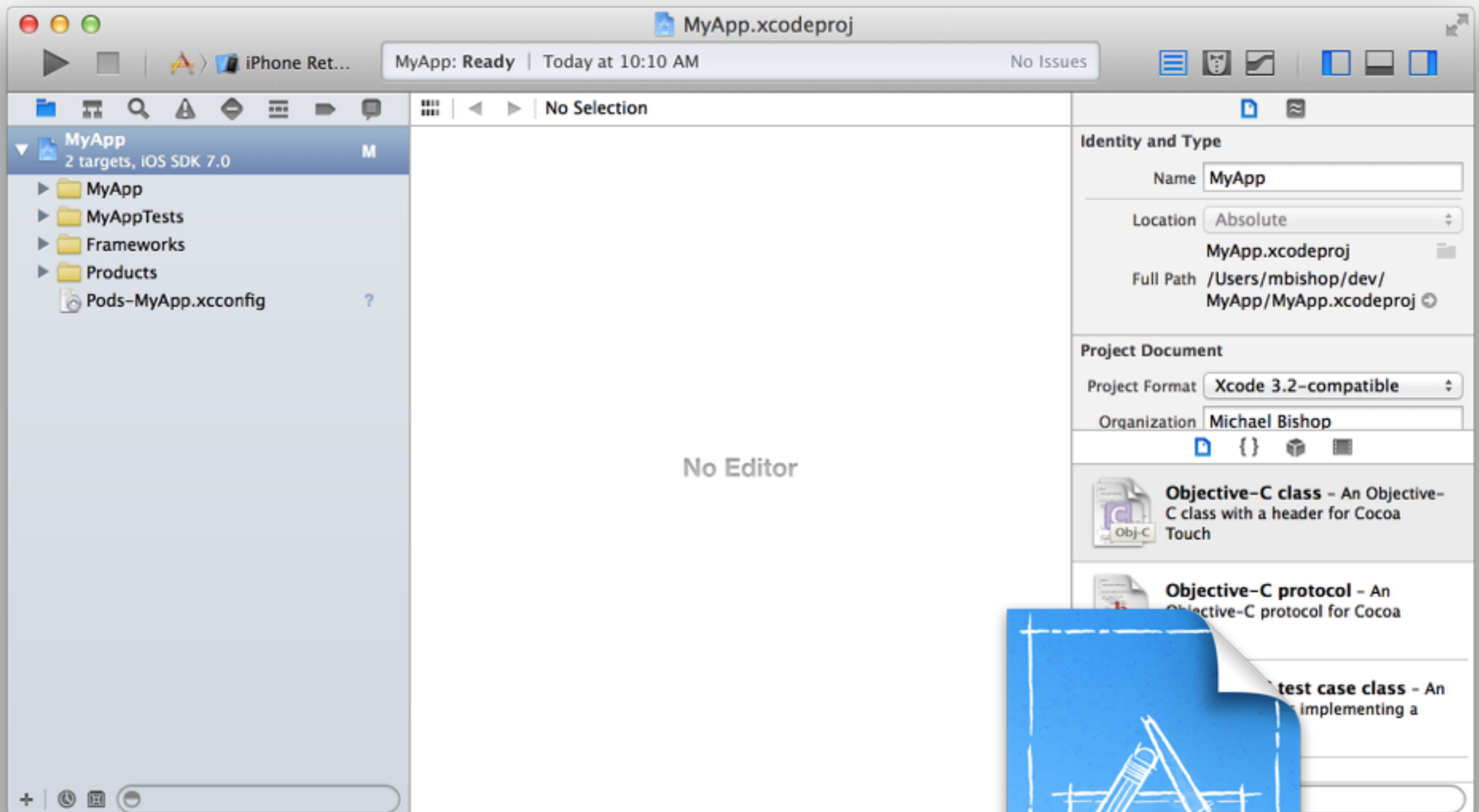
**<COCOAPODS>**



```
gem install bundler
```



```
gem install cocoapods
```





```
gem install bundler
```



```
gem install cocoapods
```



```
gem install bundler  
bundle init
```



```
gem install cocoapods  
pod init
```





```
gem install bundler  
bundle init
```

```
gem 'thin', '~>1.1'
```

**Gemfile**

**《COCOAPODS》**

```
gem install cocoapods  
pod init
```

```
pod 'AFNetworking', '~>1.1'
```

**Podfile**



```
gem install bundler  
bundle init
```

```
gem 'thin', '~>1.1'
```

## Gemfile

# COCOAPODS

```
gem install cocoapods  
pod init
```

```
pod 'AFNetworking', '~>1.1'
```

## Podfile

```
pod 'Name', :path => '~/code/Pods/NAME.podspec'
```



```
gem install bundler  
bundle init
```

```
gem 'thin', '~>1.1'
```

```
bundle install
```



```
gem install cocoapods  
pod init
```

```
pod 'AFNetworking', '~>1.1'
```

```
pod install
```

# pod install

Analyzing dependencies

Downloading dependencies

Installing AFNetworking (2.2.0)

Generating Pods project

Integrating client project

[!] From now on use `MyApp.xcworkspace`.

# pod install

Analyzing dependencies

Downloading dependencies

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Generating Pods project

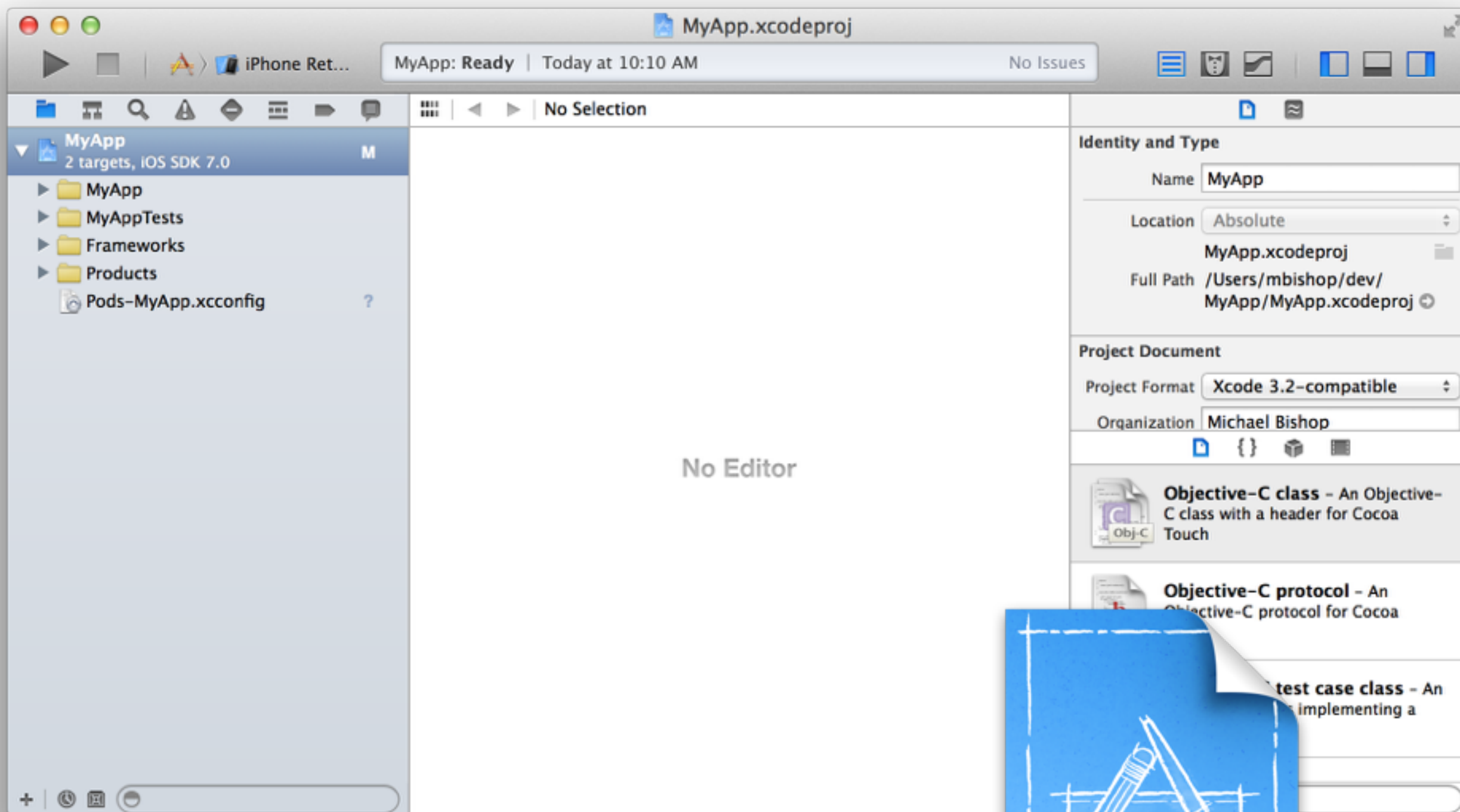
Integrating client project

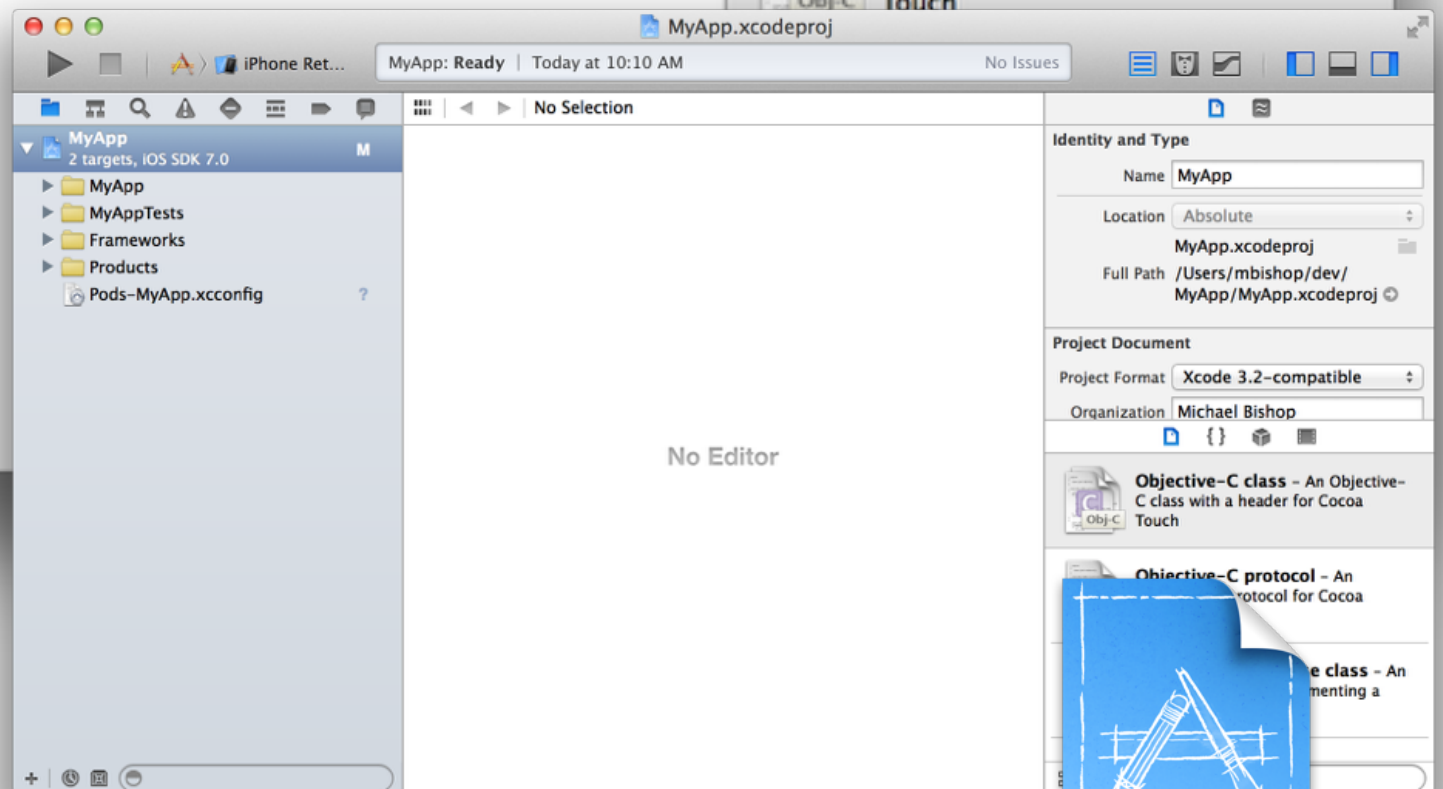
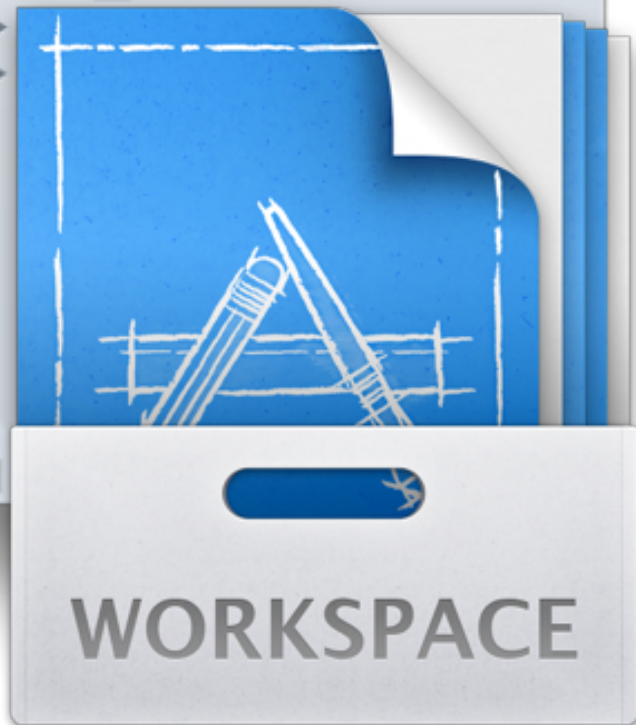
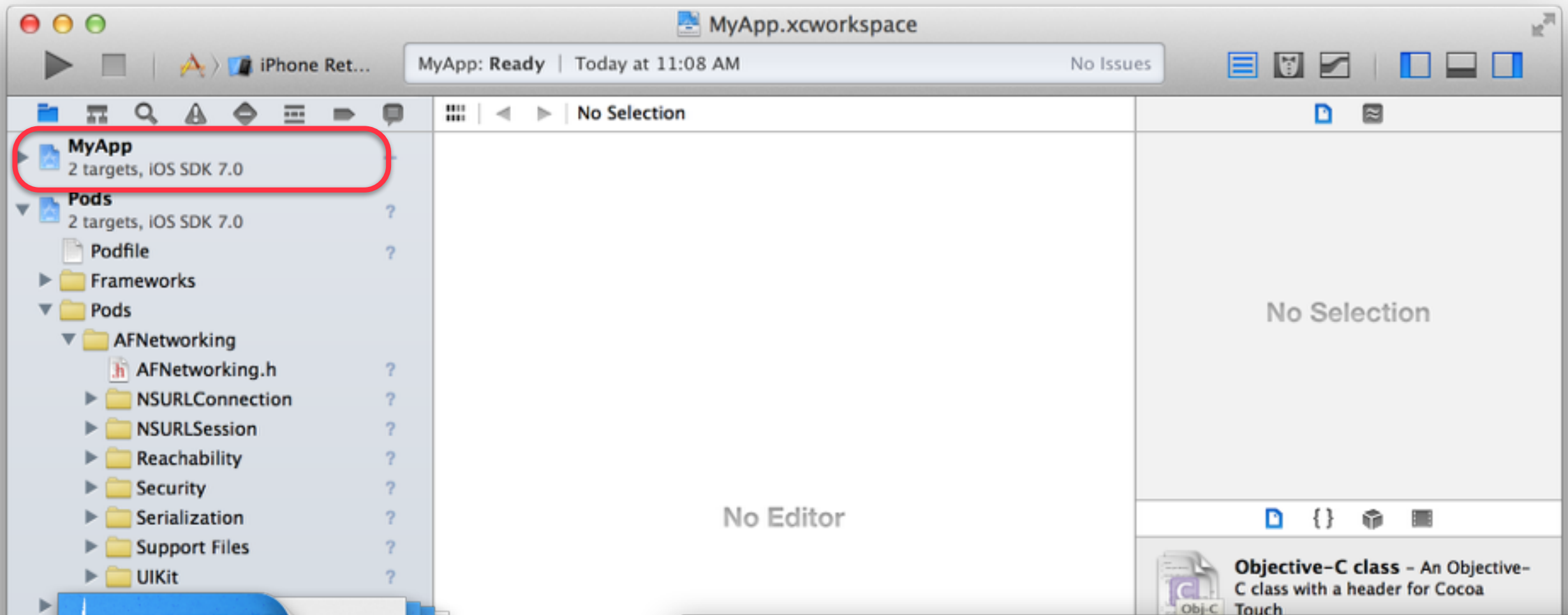
[!] From now on use `MyApp.xcworkspace`.




## Contains subprojects


All subprojects have access to a global set of libraries





















▶  **MyApp**  
2 targets, iOS SDK 7.0

▼  **Pods** ?  
2 targets, iOS SDK 7.0

-  Podfile ?
- ▶  Frameworks
- ▼  Pods
  - ▼  AFNetworking
    -  AFNetworking.h ?
    - ▶  NSURLConnection ?
    - ▶  NSURLSession ?
    - ▶  Reachability ?
    - ▶  Security ?
    - ▶  Serialization ?
    - ▶  Support Files ?
    - ▶  UIKit ?
  - ▶  Products
  - ▶  Targets Support Files ?



# Creating a Cooapod



bundle gem DFID

```
gem 'thin', '~>1.1'
```

**DFID.gemspec**

《COCOAPODS》

pod lib create DFID

```
Pod::Spec.new do |s|  
  s.name           = "DFID"  
  s.version        = "7.0.0-  
alpha"  
  s.summary        = "A  
Digital Fingerprinting  
library for iOS. (Fiksu,  
Inc.)"
```

**DFID.podspec**

```
Pod::Spec.new do |s|
  s.name          = "DFID"
  s.version       = "7.0.0-alpha"
  s.summary       = "A Digital Fingerprinting library for iOS. (Fiksu, Inc.)"

  s.description   = <<-DESC
                    Digital Fingerprints can be used for many purposes in Digital Advertising.
                    The primary use of the DFID is to track conversions. A typical process
                    is to record a click on an ad for an app with a particular DFID. Later
                    when a user launches the app you can compute the same DFID, make the
                    match, and presume that the click led to the installation of the app.
                    DESC

  s.homepage      = "https://github.com/fiksu/DFID"
  s.license       = { :type => 'MIT', :file => 'LICENSE' }
  s.author        = { "Fiksu, Inc." => "info@fiksu.com" }
  s.social_media_url = "https://twitter.com/Fiksu"
  s.platform      = :ios, '6.0'
  s.frameworks    = ["MessageUI", "CoreTelephony", "UIKit"]
  s.source        = { :git => "https://github.com/fiksu/DFID.git", :tag => "7.0.0-alpha" }
  s.source_files  = 'DFID/**/*.{h,m}'
  s.requires_arc  = true
end
```

## DFID.podspec

```
s.version      = "7.0.0-alpha"  
s.platform     = :ios, '6.0'  
s.frameworks   = ["MessageUI", "CoreTelephony", "UIKit"]  
s.source       = { :git => "https://github.com/fiksu/DFID.git",  
                  :tag  => "7.0.0-alpha" }  
s.source_files = 'DFID/**/*.{h,m}'
```

**DFID.podspec**

```
s.version      = "7.0.0-alpha"  
s.platform     = :ios, '6.0'  
s.frameworks   = ["MessageUI", "CoreTelephony", "UIKit"]  
s.source       = { :git => "https://github.com/fiksu/DFID.git",  
                  :tag  => "7.0.0-alpha" }  
s.source_files = 'DFID/**/*.{h,m}'
```

## DFID.podspec

---

```
pod spec lint Peanut.podspec
```

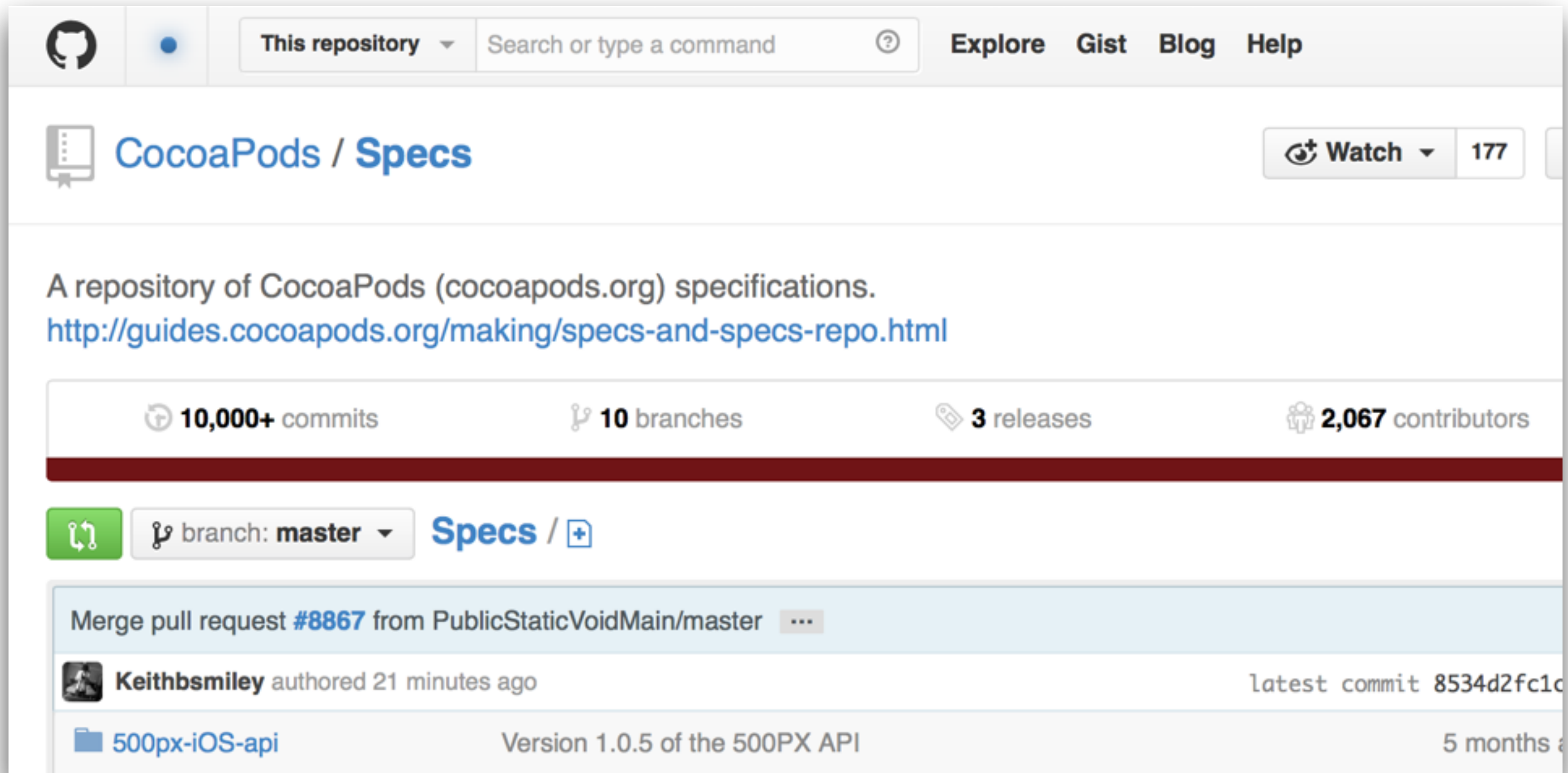
```
-> DFID (7.0.0-alpha)
```

```
Analyzed 1 podspec.
```

```
DFID.podspec passed validation.
```

# Publishing

# 1. Fork the Specs Repo



The screenshot shows the GitHub interface for the 'CocoaPods / Specs' repository. At the top, there's a navigation bar with the GitHub logo, a search bar, and links to 'Explore', 'Gist', 'Blog', and 'Help'. Below this, the repository name 'CocoaPods / Specs' is displayed, along with a 'Watch' button and a count of 177 watchers. The description states it's a repository of CocoaPods (cocoapods.org) specifications, with a link to a guide on making specs and a specs repo. Below the description, statistics are shown: 10,000+ commits, 10 branches, 3 releases, and 2,067 contributors. A red horizontal bar separates this from the next section. In the next section, there's a green 'Compare' button, a dropdown menu showing 'branch: master', and the word 'Specs' followed by a plus icon. Below this, a light blue banner indicates a 'Merge pull request #8867 from PublicStaticVoidMain/master'. Underneath, a commit by 'Keithbsmiley' is shown, authored 21 minutes ago, with the latest commit hash '8534d2fc1c'. At the bottom, a folder icon is next to the text '500px-iOS-api', followed by 'Version 1.0.5 of the 500PX API' and '5 months ago'.

GitHub interface showing the repository page for **CocoaPods / Specs**.

Repository description: A repository of CocoaPods (cocoapods.org) specifications.  
<http://guides.cocoapods.org/making/specs-and-specs-repo.html>

Repository statistics:

- 10,000+ commits
- 10 branches
- 3 releases
- 2,067 contributors

Repository details:

- branch: master
- Specs / +

Recent activity:

- Merge pull request #8867 from PublicStaticVoidMain/master
- Keithbsmiley authored 21 minutes ago
- latest commit 8534d2fc1c

Repository content:

- 500px-iOS-api
- Version 1.0.5 of the 500PX API
- 5 months ago









## 2. Add your spec

■ A2StoryboardSegueContext	[Update] A2StoryboardSegueContext (1.0.1)
■ A3GridTableView	Fixed for lint.
■ AAActivityAction	[Update] AAActivityAction 1.0.2
■ AAImageUtils	Add AAImageUtils v0.1.0
■ AALaunchTransition	[Update] AALaunchTransition (0.1.3)
■ AAPullToRefresh	[Update] AAPullToRefresh (1.0.2)
■ AAShareBubbles	AAShareBubbles new version 1.0.2
■ ABCalendarPicker	Added ABCalendarPicker version 1.1.2
■ ABContactHelper	Update ABContactHelper version.
■ ABCustomUINavigationController...	removing .framework extension from list of frameworks
■ ABFullScrollViewController	[FIX] Added min version



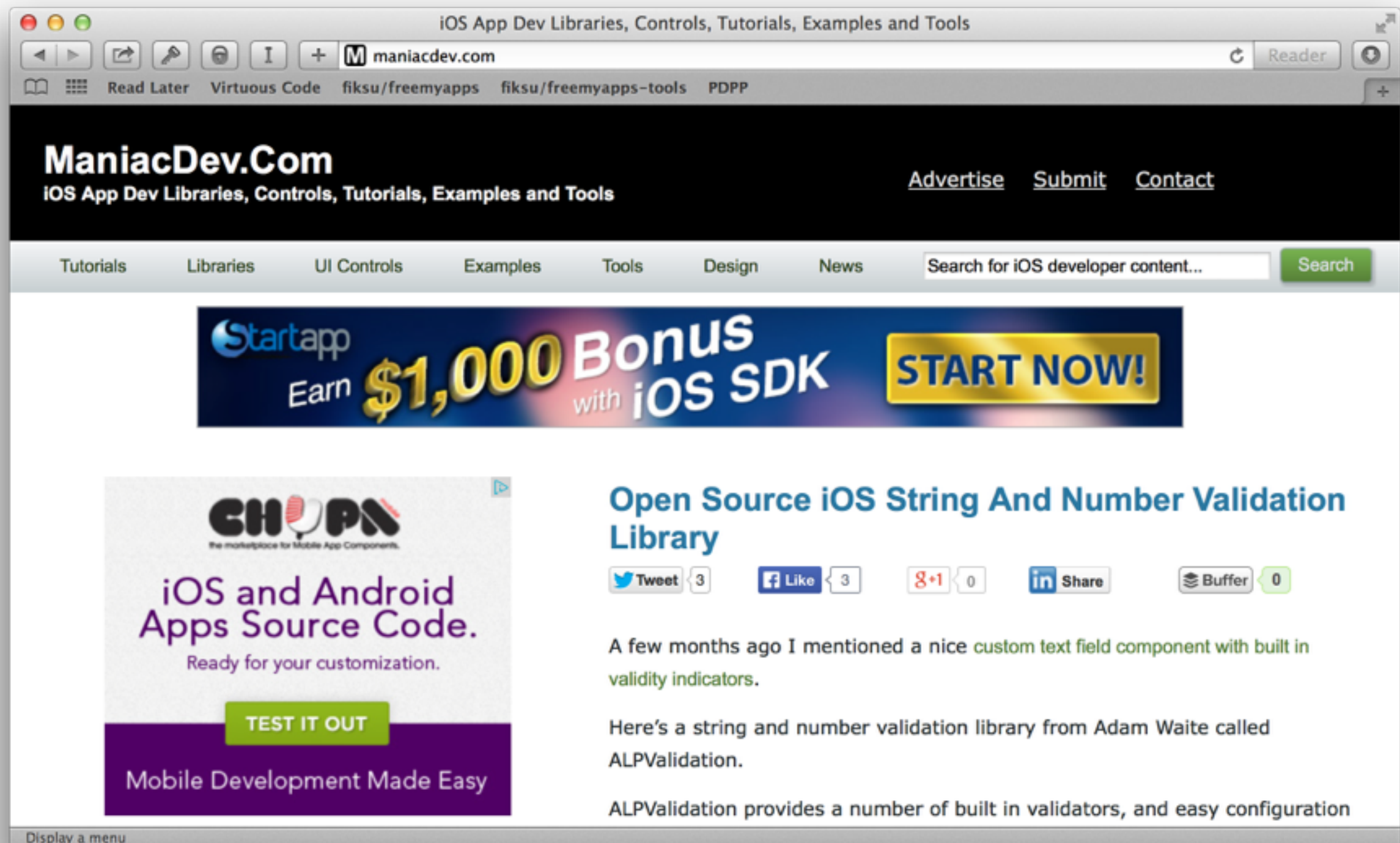
# 3. Issue a Pull Request

Open Closed Sort: Newest ▾ New pull request

	<b>Added RNConcurrentBlockOperation v1.1</b> No description available by  nobre84 22 minutes ago <span>nobre84:master</span>	#8869
	<b>[Add] SPYTestLog (0.0.2)</b> No description available by  ScottPetit 22 minutes ago <span>ScottPetit:master</span>	#8868
	<b>Added AFAmazonS3Client 2.0.0</b> No description available by  rsanchezsaez 5 hours ago <span>rsanchezsaez:rsanchezsaez</span> 1 comment	#8856
	<b>Add PSPDFTextView podspec</b> Thanks for merging! by  steipete 9 hours ago <span>steipete:master</span> 1 comment	#8846

**What's next?**

# You will be picked up by dev sites





**Star**

**1**

**cocoapods.org**