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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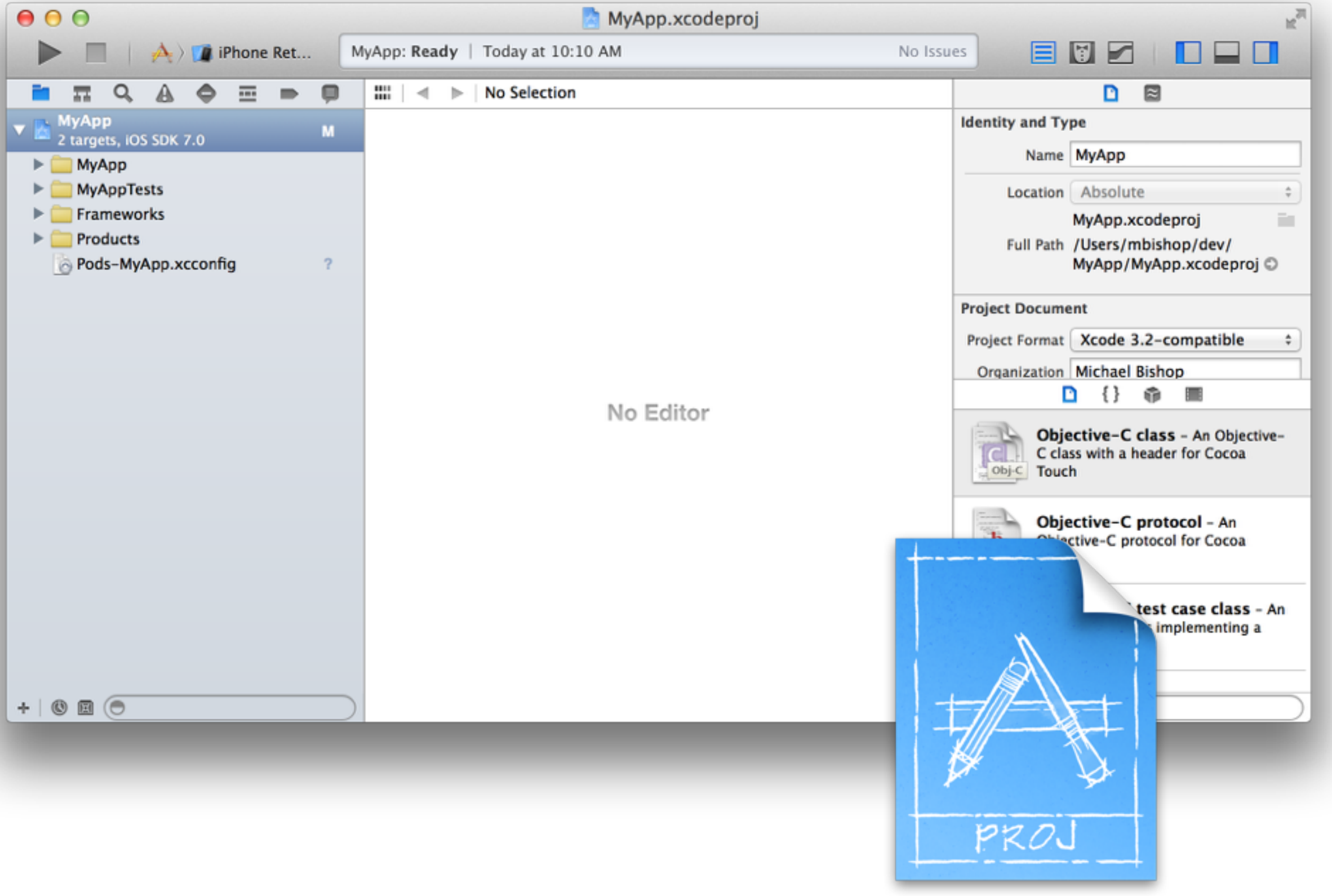
Apple?

The best way to manage your application's dependencies

Bundler

```
gem install bundler
```

```
gem install cocoapods
```


MyApp.xcodeproj
iPhone Ret...
MyApp: Ready | Today at 10:10 AM
No Issues
No Selection
MyApp
2 targets, iOS SDK 7.0
M
MyApp
MyAppTests
Frameworks
Products
Pods-MyApp.xcconfig
?
No Editor
Identity and Type
Name
MyApp
Location
Absolute
MyApp.xcodeproj
Full Path
/Users/mbishop/dev/
MyApp/MyApp.xcodeproj
Project Document
Project Format
Xcode 3.2-compatible
Organization
Michael Bishop
Objective-C class - An Objective-C class with a header for Cocoa Touch
Obj-C
Objective-C protocol - An
test case class - An
implementing a
PROJ

```
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

gem install cocoapods

pod init

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

Podfile

```
gem install bundler
bundle init
```

```
gem install cocoapods
pod init
```

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

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

Gemfile

Podfile

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

```
gem install bundler
bundle init
```

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

```
bundle install
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gem install cocoapods
pod init
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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
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[!] From now on use `MyApp.xcworkspace`.
```
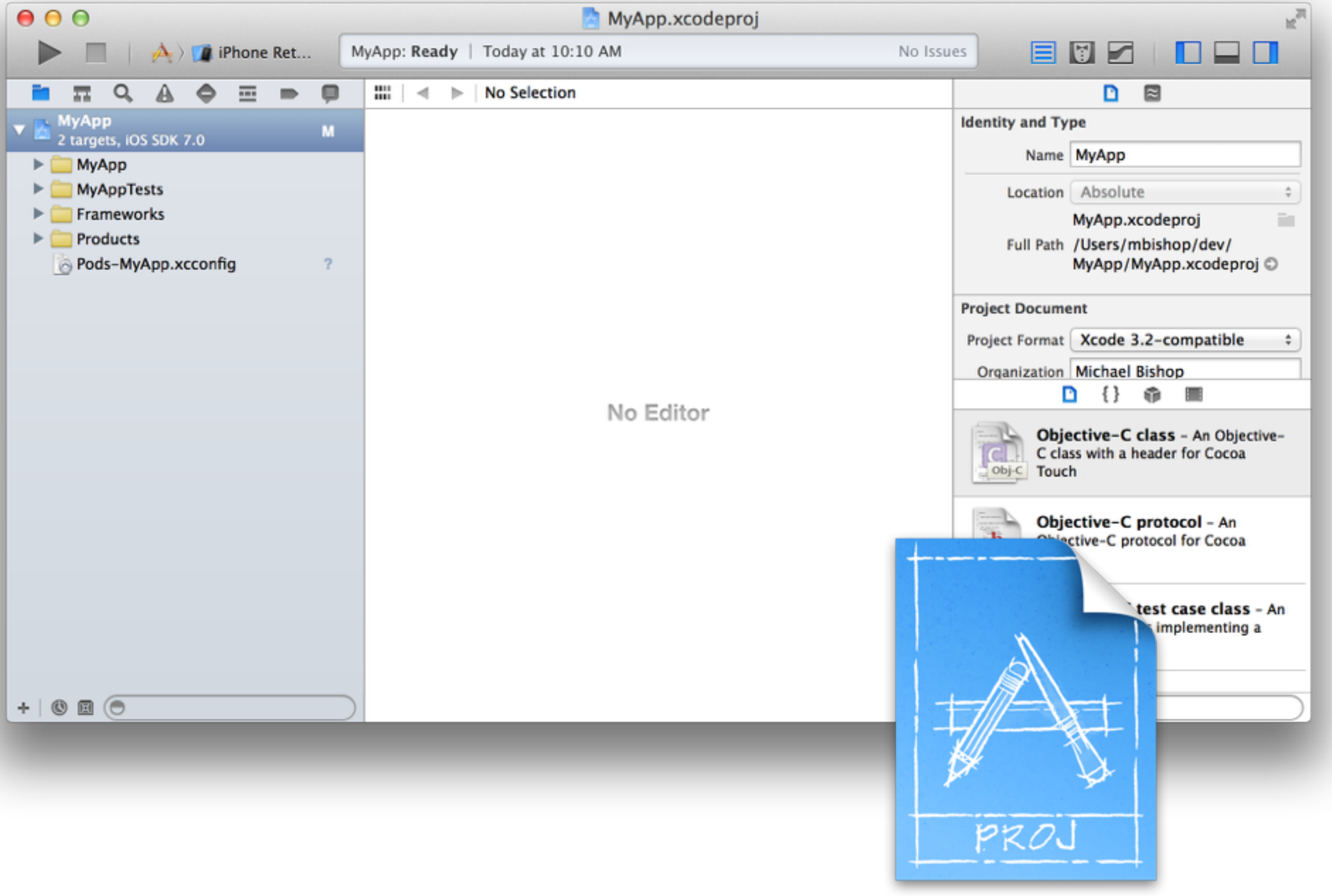

Contains subprojects

All subprojects have access to a global set of libraries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PROJ

MyApp.xcworkspace

iPhone Ret... | MyApp: Ready | Today at 11:08 AM | No Issues

No Selection

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

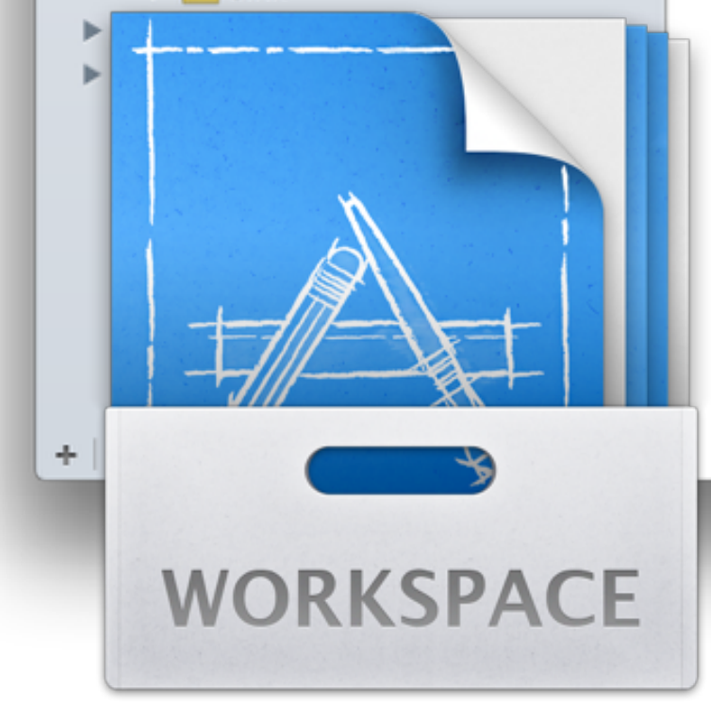
Support Files

UIKit

No Editor

No Selection

Objective-C class - An Objective-C class with a header for Cocoa Touch



MyApp.xcodeproj

iPhone Ret... | MyApp: Ready | Today at 10:10 AM | No Issues

No Selection

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2 targets, iOS SDK 7.0

MyApp

MyAppTests

Frameworks

Products

Pods-MyApp.xcconfig

No Editor

Identity and Type

Name: MyApp

Location: Absolute

MyApp.xcodeproj

Full Path: /Users/mbishop/dev/MyApp/MyApp.xcodeproj

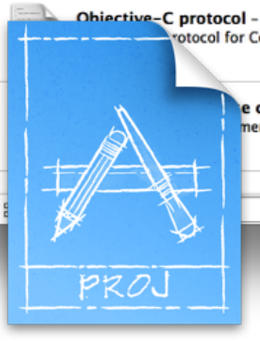
Project Document

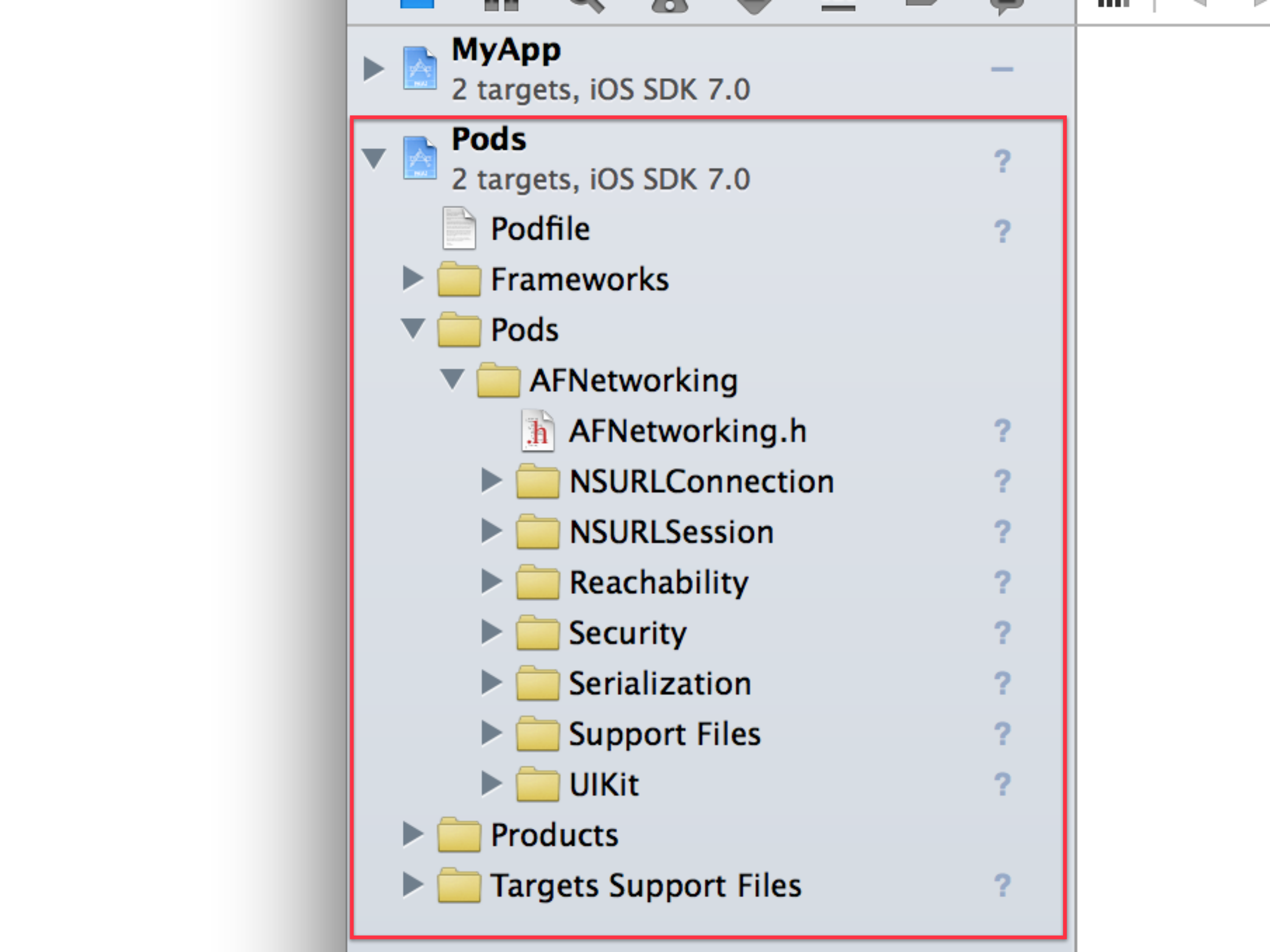
Project Format: Xcode 3.2-compatible

Organization: Michael Bishop

Objective-C class - An Objective-C class with a header for Cocoa Touch

Objective-C protocol - An ... protocol for Cocoa

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NSURLConnection
NSURLSession
Reachability
Security
Serialization
Support Files
UIKit
Products
Targets Support Files

Creating a Cocoapod

bundle gem DFID

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

DFID.gemspec

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" }
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DFID.podspec

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s.source       = {:git => “https://github.com/fiksu/DFID.git",
                  :tag => "7.0.0-alpha" }
s.source_files = 'DFID/**/*.{h,m}'
```
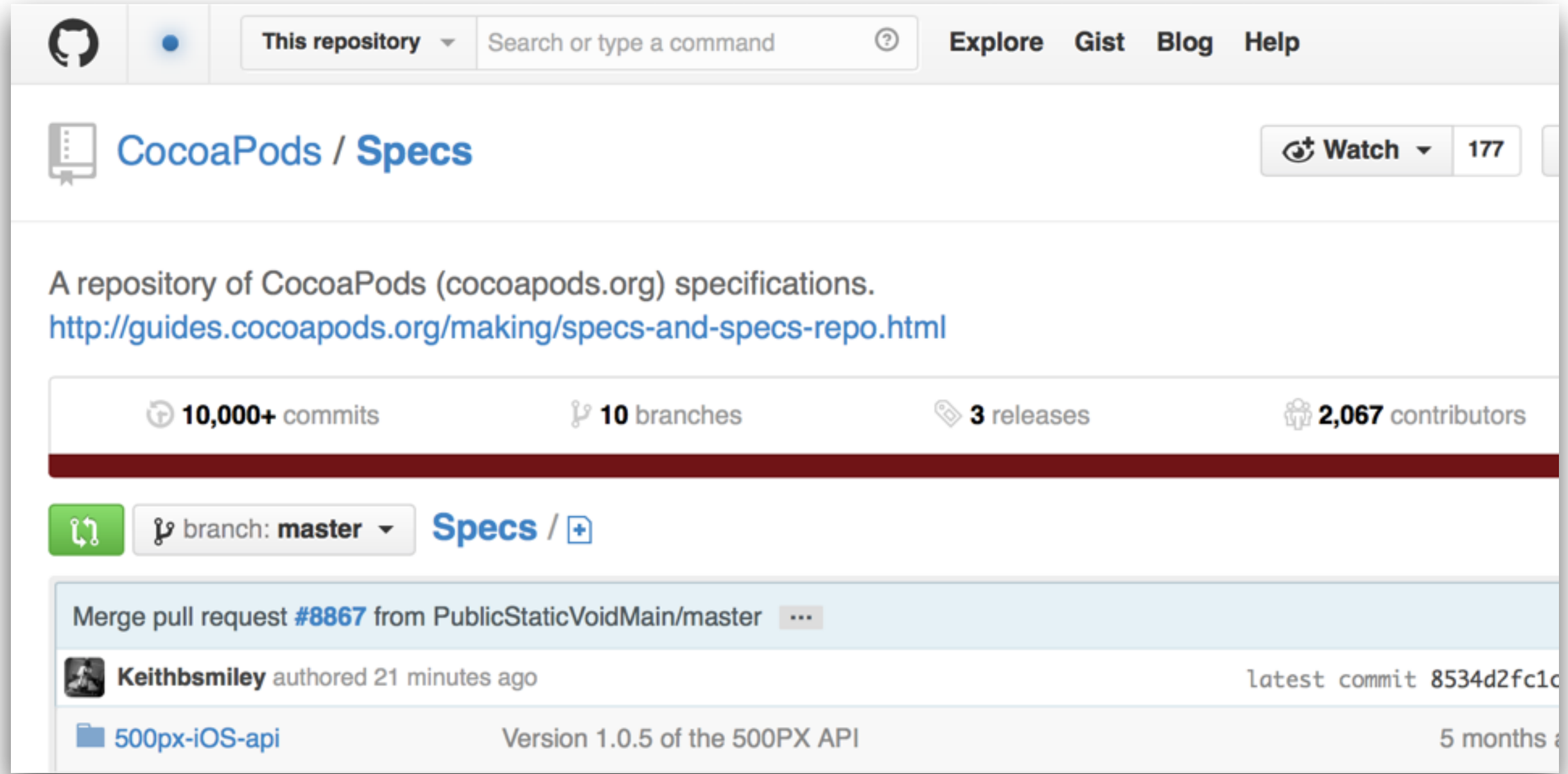

DFID.podspec

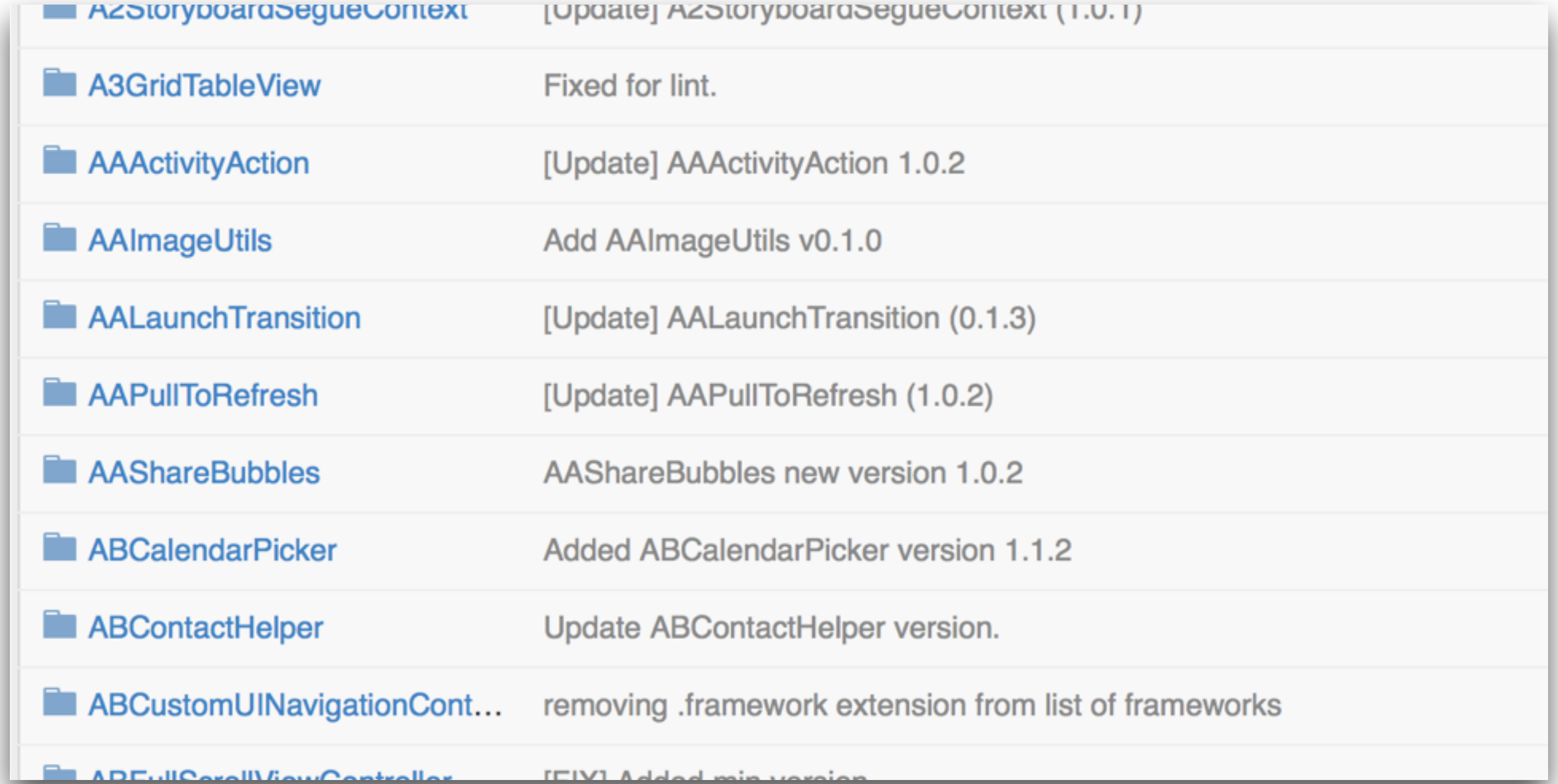
```
pod spec lint Peanut.podspec

  -> DFID (7.0.0-alpha)

Analyzed 1 podspec.

DFID.podspec passed validation.
```

Publishing

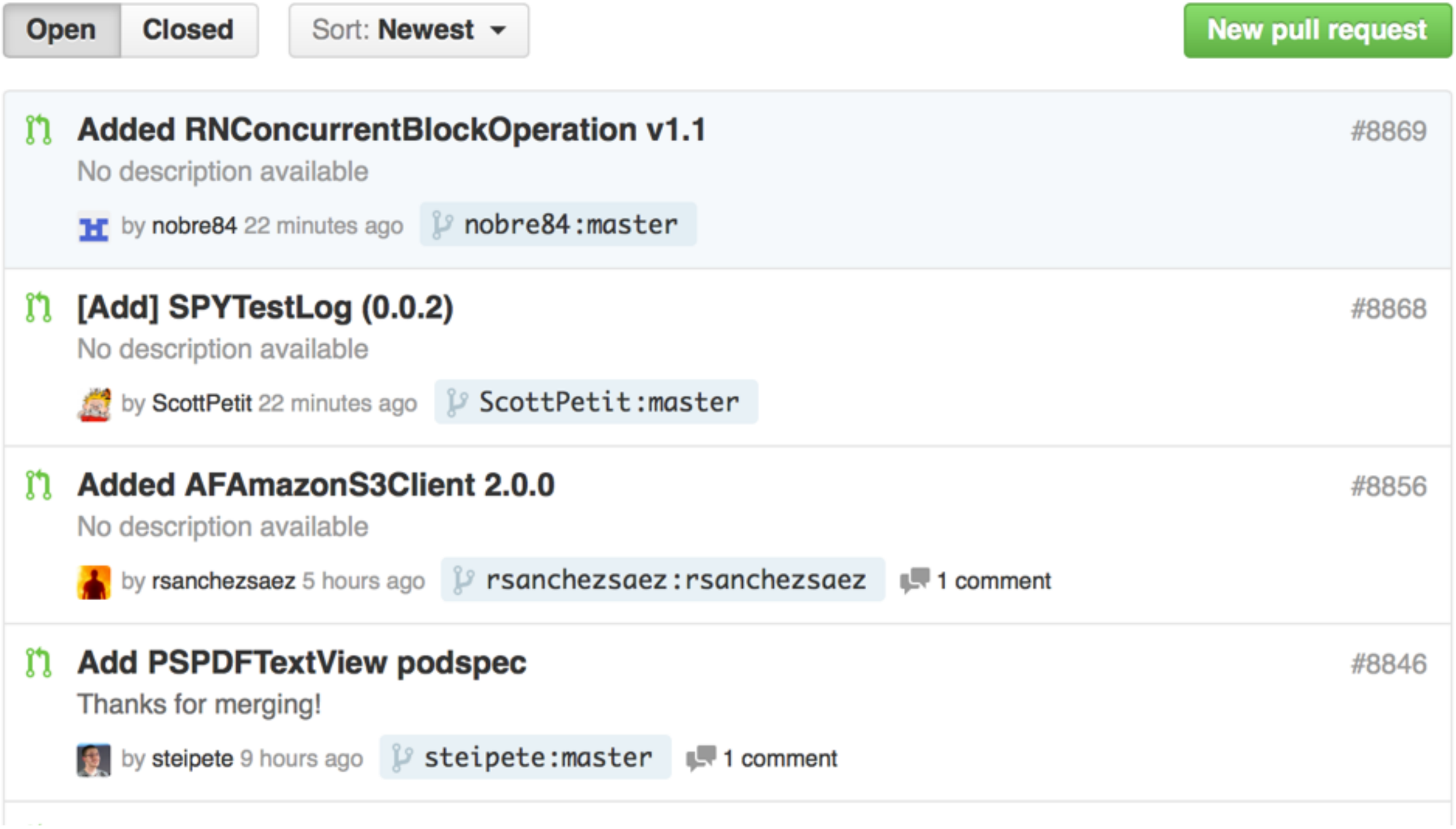
1. Fork the Specs Repo



2. Add your spec

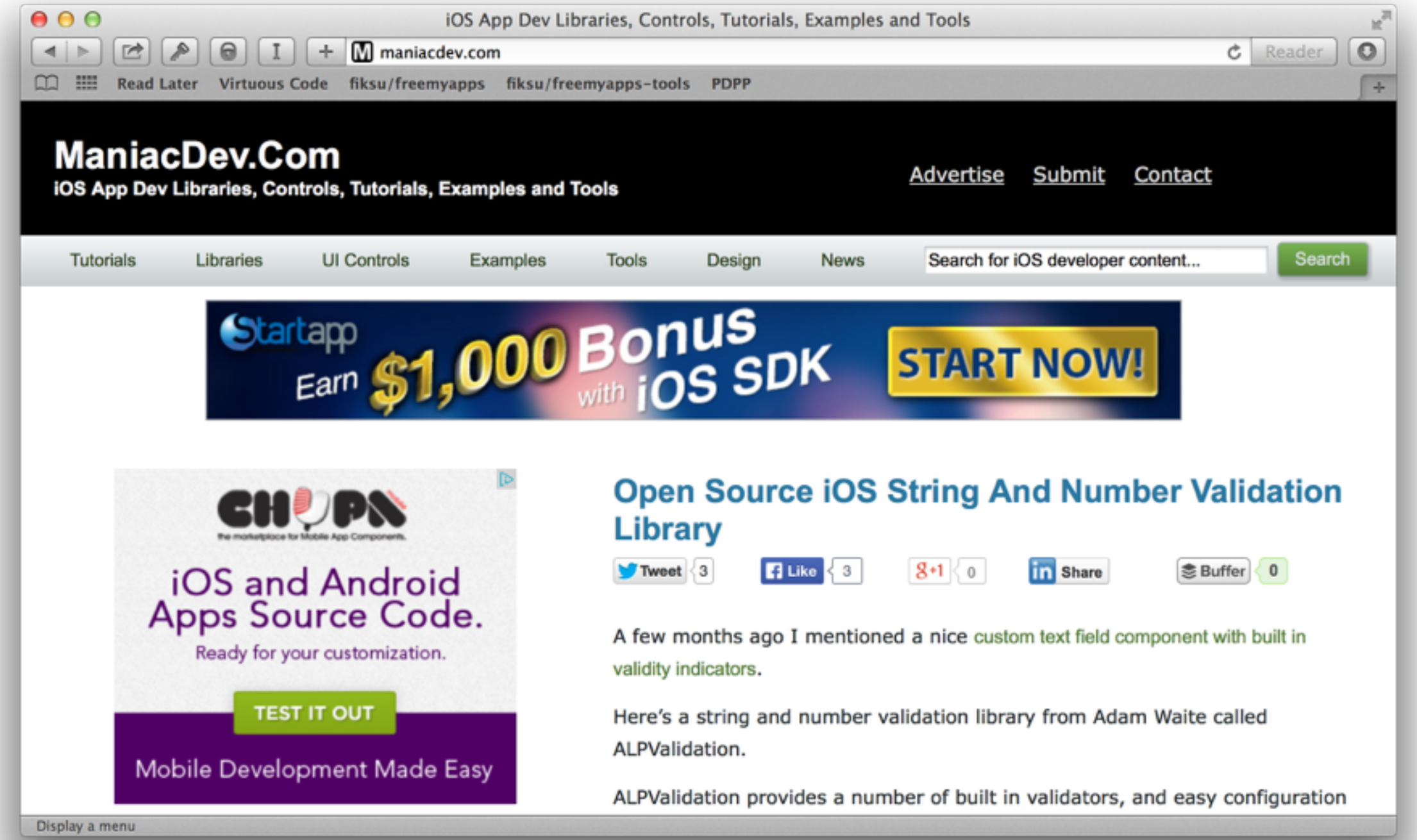


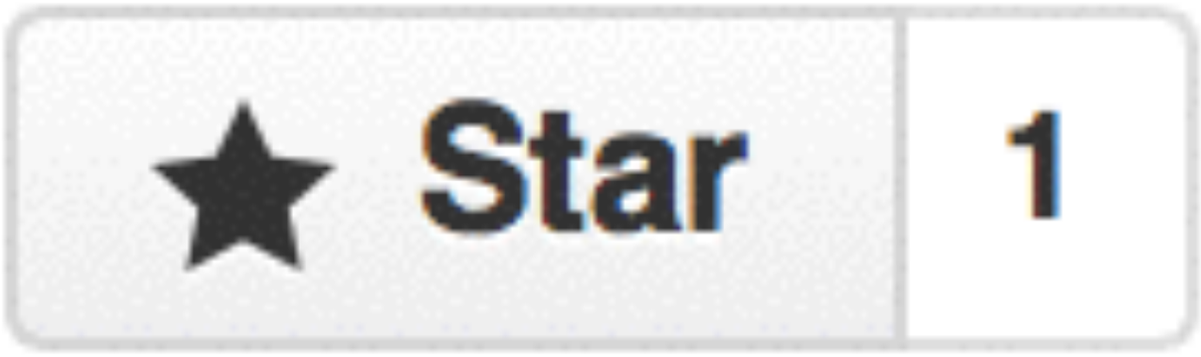
3. Issue a Pull Request



What’s next?

You will be picked up by dev sites




★ Star
1

cocoapods.org