

以YSPodsMe为例 ( <https://github.com/YunsChou/YSTestPodsMe> )

## 一、创建podspec文件并验证

### 1、提交代码到github平台 ( 操作建议 )

( 1 ) 在自己的github下添加一个repository ( 一并勾选好gitignore、readme和LICENSE )

( 2 ) clone这个repository到本地，我们暂且称之为根目录 ( 此时这个文件中应该只有README.md和LICENSE文件 )

( 3 ) 准备要提交的工程或代码 ( 包括要提交的库和demo，确保运行没问题 )

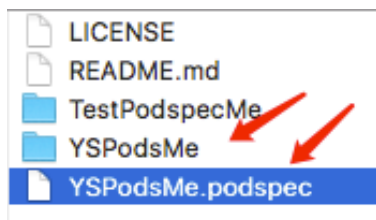
( 4 ) 将工程拖入到clone下来的文件夹中 ( 库最好放入一个单独的实体文件夹，将库文件夹从工程内移到根目录 )

( 5 ) 此时再去运行Xcode工程，会因为缺少库文件报错，我们删除掉工程中被移除的文件 ( 红色 ) 和虚拟文件夹，再使用Xcode从根目录将库文件夹 ( 及文件 ) 引用进来，编译，通过

( 6 ) 使用git push将代码提交到github

### 2、创建.podspec文件

在根目录下，使用命令创建.podspec文件：pod spec create YSPodsMe



### 3、编辑.podspec内容

打开.podspec文件，删除注释，留下我们将要配置的字段

( 这里只是举例，其它按需配置 )

Pod::Spec.new do  s	
(名称)	s.name = "YSPodsMe"
(版本号)	s.version = "0.0.1"
(简介)	s.summary = "A Test of YSPodsMe."
(描述)	s.description = <<-DESC

4、验证.podspec文件是否可用：在根目录下用终端命令执行pod lib lint  
其中，platform是必填的；summary必须修改；description必须比summary要长  
反正根据警告和报错提示进行修改

```
Yuns:YSTestPodsMe weiyang$ pod lib lint

-> YSPodsMe (0.0.1)
- WARN | summary: The summary is not meaningful.
- WARN | description: The description is shorter than the summary.
- ERROR | [tvOS] unknown: Encountered an unknown error (Could not find a `tv
os` simulator (valid values: ios, watchos). Ensure that Xcode -> Window -> Devic
es has at least one `tvos` simulator listed or otherwise add one.) during valida
tion.

[!] YSPodsMe did not pass validation, due to 1 error and 2 warnings.
[!] The validator for Swift projects uses Swift 3.0 by default, if you are using
a different version of swift you can use a `.swift-version` file to set the ver
sion for your Pod. For example to use Swift 2.3, run:
    `echo "2.3" > .swift-version`.
You can use the `--no-clean` option to inspect any issue.
```

验证通过

```
Yuns:YSTestPodsMe weiyang$ pod lib lint

-> YSPodsMe (0.0.1)

YSPodsMe passed validation.
Yuns:YSTestPodsMe weiyang$
```

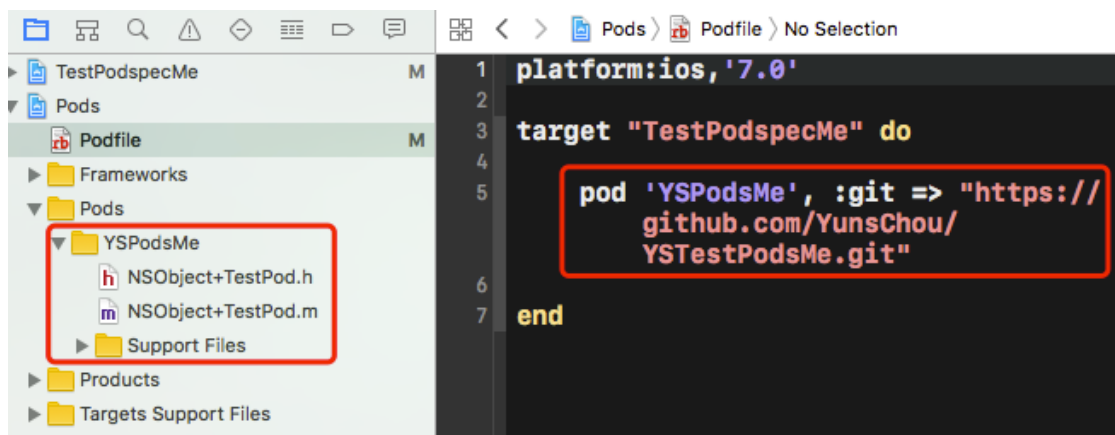
5、将以上操作和.podspec文件配置好后，提交到git仓库  
至此，如果该库只供自己使用，到这里就算完成了。使用时在podfile中：  
pod 'YSPods', :git => 'https://github.com/YunsChou/YSTestPods.git'

5、将以上操作和.podspec文件配置好后，提交到git仓库

至此，如果该库只供自己使用，到这里就算完成了。使用时在podfile中：  
pod 'YSPods', :git => 'https://github.com/YunsChou/YSTestPods.git'

```
[Yuns:YSTestPodsMe weiyng$ pod lib lint  
  
-> YSPodsMe (0.0.1)  
  
YSPodsMe passed validation.  
[Yuns:YSTestPodsMe weiyng$ cd TestPodspecMe/  
[Yuns:TestPodspecMe weiyng$ ls  
Podfile                      TestPodspecMe  
Pods                          TestPodspecMe.xcodeproj  
[Yuns:TestPodspecMe weiyng$ pod install  
Analyzing dependencies  
Pre-downloading: `YSPodsMe` from `https://github.com/YunsChou/YSTestPodsMe.git`  
Downloading dependencies  
Installing YSPodsMe (0.0.1)  
Generating Pods project  
Integrating client project  
  
[!] Please close any current Xcode sessions and use `TestPodspecMe.xcworkspace`  
for this project from now on.  
Sending stats  
Pod installation complete! There is 1 dependency from the Podfile and 1 total po  
d installed.  
Yuns:TestPodspecMe weiyng$
```

使用成功！



如果想将自己的库放到github，请接着往下看

以YSPods为例 ( <https://github.com/YunsChou/YSTestPods> )

二、发布自己的pods到Cocoapods trunk

0、为自己的项目打tag

为git打tag : git tag "v0.0.3"

将tag推送到远程仓库 : git push --tags

1、当首次提交pod至GitHub时，需要先去注册trunk ( 使用pod trunk me 查看 )

```
1. bash

YunsdeMacBook-Pro:YSTestPods yuns$ pod trunk me
[!] You need to register a session first.

Usage:

$ pod trunk me COMMAND

Includes information about your registration, followed by all your
sessions.

These are your current session, other valid sessions, unverified sessions,
and expired sessions.

Commands:

+ clean-sessions  Remove sessions

Options:

--silent          Show nothing
--verbose         Show more debugging information
--no-ansi         Show output without ANSI codes
--help           Show help banner of specified command
YunsdeMacBook-Pro:YSTestPods yuns$
```

2、pod trunk register ( 这个是网络问题报错，我这边时由于ss的问题，开/关一下梯子再试一下，成功了 )，成功后会发送一封邮件到你的邮箱

```
YunsdeMacBook-Pro:YSTestPods yuns$ pod trunk register 2647754496@qq.com "YunsChou" --
verbose
opening connection to trunk.cocoapods.org:443...
[!] There was an error registering with trunk: Failed to open TCP connection to trunk
.cocoapods.org:443 (getaddrinfo: nodename nor servname provided, or not known)
```

3、然后去邮箱根据信息进行验证，验证过后在终端执行pod trunk me，发现register成功了

```

YunsdeMacBook-Pro:YSTestPods yuns$ pod trunk register 2647754496@qq.com "YunsChou" --
verbose
opening connection to trunk.cocoapods.org:443...
opened
starting SSL for trunk.cocoapods.org:443...
SSL established
<- "POST /api/v1/sessions HTTP/1.1\r\nContent-Type: application/json; charset=utf-8\r
\nAccept: application/json; charset=utf-8\r\nUser-Agent: CocoaPods/1.1.1\r\nAccept-En
coding: gzip;q=1.0,deflate;q=0.6,identity;q=0.3\r\nHost: trunk.cocoapods.org\r\nConte
nt-Length: 66\r\n\r\n"
<- "{\"email\":\"2647754496@qq.com\",\"name\":\"YunsChou\",\"description\":null}"
-> "HTTP/1.1 201 Created\r\n"
-> "Date: Thu, 15 Dec 2016 05:57:48 GMT\r\n"
-> "Connection: keep-alive\r\n"
-> "Strict-Transport-Security: max-age=31536000\r\n"
-> "Content-Type: application/json\r\n"
-> "Content-Length: 194\r\n"
-> "X-Content-Type-Options: nosniff\r\n"
-> "Server: thin 1.6.2 codename Doc Brown\r\n"
-> "Via: 1.1 vegur\r\n"
-> "\r\n"
reading 194 bytes...
-> "{\"created_at\":\"2016-12-15 05:57:48 UTC\",\"valid_until\":\"2017-04-22 05:57:48
UTC\",\"verified\":false,\"created_from_ip\":\"61.219.175.109\",\"description\":null
,\"token\":\"b74d8a6f165822108708db8dc991e718\"}"
read 194 bytes
Conn keep-alive
[!] Please verify the session by clicking the link in the verification email that has
been sent to 2647754496@qq.com
YunsdeMacBook-Pro:YSTestPods yuns$ pod trunk me
- Name:      Yuns
- Email:     2647754496@qq.com
- Since:     September 1st, 02:24
- Pods:      None
- Sessions:
  - September 1st, 02:24 - January 7th, 2017 02:26. IP: 183.69.215.246
  - December 14th, 23:57 - April 21st, 2017 23:58. IP: 61.219.175.109

```

#### 4、将准备好（验证通过）的podspec文件push到GitHub

```

YunsdeMacBook-Pro:YSTestPods yuns$ pod trunk push YSPods.podspec
Updating spec repo `master`

CocoaPods 1.2.0.beta.1 is available.
To update use: `sudo gem install cocoapods --pre`
[!] This is a test version we'd love you to try.

For more information, see https://blog.cocoapods.org and the CHANGELOG for this version at https://github.com/CocoaPods/CocoaPods/releases/tag/1.2.0.beta.1

Validating podspec
-> YSPods (0.0.3)

Updating spec repo `master`

CocoaPods 1.2.0.beta.1 is available.
To update use: `sudo gem install cocoapods --pre`
[!] This is a test version we'd love you to try.

For more information, see https://blog.cocoapods.org and the CHANGELOG for this version at https://github.com/CocoaPods/CocoaPods/releases/tag/1.2.0.beta.1

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🎉 Congrats

🚀 YSPods (0.0.3) successfully published
📅 December 15th, 00:00
🌐 https://cocoapods.org/pods/YSPods
👍 Tell your friends!
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```

5、等待一段时间（可能是几分钟或几十分钟）后，在cocoapods上检索自己的库  
<https://cocoapods.org>

# YSPODS


✕

Any
iOS
macOS
watchOS
tvOS
All
Swift
Obj-C

Sort by: Quality ▾

2 results. Show only: Name (1) Summary (1)


PODS NAMED YSPODS\*

**YSPods 0.0.3**


A Test of YSPods.

Site
Docs
Spec

PODS WITH SUMMARY YSPODS\*

**YSPods 0.0.3**


A Test of YSPods.

Site
Docs
Spec

6、能够检索到，说明我们发布的cocoapods库已经成功，接下啦就可以使用Podfile进行导入了