

How to Create

Private CocoaPods

Kenneth Chu

Few steps to do

- Create a Xcode project
- Command: **pod spec create KCUIKit**
- Edit the KCUIKit.podspec
- Use command **pod spec lint** to verify podspec

```
8
9 Pod::Spec.new do |s|
10
11   # --- Spec Metadata --- #
12   #
13   # These will help people to find your Library, and whilst it
14   # can feel like a chore to fill in it's definitely to your advantage. The
15   # summary should be tweet-length, and the description more in depth.
16   #
17
18   s.name          = "KCUIKit"
19   s.version       = "0.1.0"
20   s.summary       = "A custom UIKit for common use."
21
22   # This description is used to generate tags and improve search results.
23   # * Think: What does it do? Why did you write it? What is the focus?
24   # * Try to keep it short, snappy and to the point.
25   # * Write the description between the DESC delimiters below.
26   # * Finally, don't worry about the indent, CocoaPods strips it!
27   s.description = <<DESC
28   |   A custom UIKit for common use, e.g Simple custom buttons or views
29   | DESC
30   s.homepage     = "https://vegantell.com"
31   # s.screenshots = "www.example.com/screenshots_1.gif", "www.example.com/screenshots_2.gif"
32
33
34   # --- Spec License --- #
35   #
36   # Licensing your code is important. See http://choosealicense.com for more info.
37   # CocoaPods will detect a license file if there is a named LICENSE*
38   # Popular ones are 'MIT', 'BSD' and 'Apache License, Version 2.0'
```

Test the pod

- Create your project
- Use command **pod init** to create Podfile
- Edit the Podfile:
pod 'KCUIKit', :path => '../KCUIKit'
- Install the pod using command:
pod install

About *.podspec

```
8
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22   # This description is used to generate tags and improve search results.
23   # * Think: What does it do? Why did you write it? What is the focus?
24   # * Try to keep it short, snappy and to the point.
25   # * Write the description between the DESC delimiters below.
26   # * CocoaPods will automatically strip any HTML, but please do not
27   #   include any special characters, like #, $, or %.
28   s.description = "A custom UIKit for common use, e.g Simple custom buttons"
29
30   s.homepage   = "https://vegantell.com"
31   s.license    = { :type => 'MIT', :file => 'LICENSE' }
32
33   # Author info
34   s.author     = { "Ming Chu" => "ming.chu@vegantell.com" }
35
36   # Platform Specifics
37   s.ios.deployment_target = "8.0"
38
39   # URL of git repo
40   s.source     = { :git => 'git@github.com:ming-chu/KCUIKit.git' }
41
42   # Location of source files
43   s.source_files = 'KCUIKit/Classes/**/*'
44 end
```

Description of you
pod, it helps to create
the tag for searching

Home Page

License →

Author info →

Platform Specifics →

URL of git repo →

Location of source files →

s.name = "KCUIKit"

s.version = "0.1.0"

s.summary = "A custom UIKit for common use."

s.description = <<-DESC
A custom UIKit for common use,
e.g Simple custom buttons or views
DESC

s.homepage = "https://vegantell.com"

s.license = { :type => 'MIT', :file => 'LICENSE' }

s.author = { "Ming Chu" => "ming.chu@vegantell.com" }

s.ios.deployment_target = "8.0"

s.source = { :git => '.', :tag => s.version.to_s }

s.source_files = 'KCUIKit/Classes/**/*'

s.source_files = "KCUIKit/Classes/**/*.{h,m}"

```
pod 'KCUIKit', :git => 'git@github.com:ming-chu/KCUIKit.git'
pod 'KCUIKit', :path => '../KCUIKit'
```

Specify Swift version

- Create an file named “.swift-version” and contains version such as “4.0”



A quick Demo

Trickse

Cocoapods v1.3.1 VS Cocoapods v1.5.0

CocoaFramework don't work

Reference

- <https://guides.cocoapods.org/making/private-cocoapods.html>
- <https://guides.cocoapods.org/making/using-pod-lib-create>

End