



START CONTRIBUTING TO COCOAPODS

COCOAPODS 3RD WWDC MEETUP, JUNE 2014

BORIS BÜGLING -
@NEONACHO

A close-up photograph of a cat's face, showing its eyes, nose, and ears. The cat has brown and black fur. Overlaid on the center of the image is the word "HI!" in large, white, sans-serif capital letters.

HI!



Y U NO SUBMODULES?



LAST YEAR



heroku



INTEGRAPART
OF MY
WORKFLOW

CocoaPods Bug Bash



With the announcement that Fabio will be [working full time on CocoaPods](#) (thanks [SoundCloud!](#)) for three months, we looked for ways to get the most bang for our buck on his time. In true Open Source style we looked at ways of getting people to help out cleaning out the GitHub issues.

Orta Therox

14 March 2014

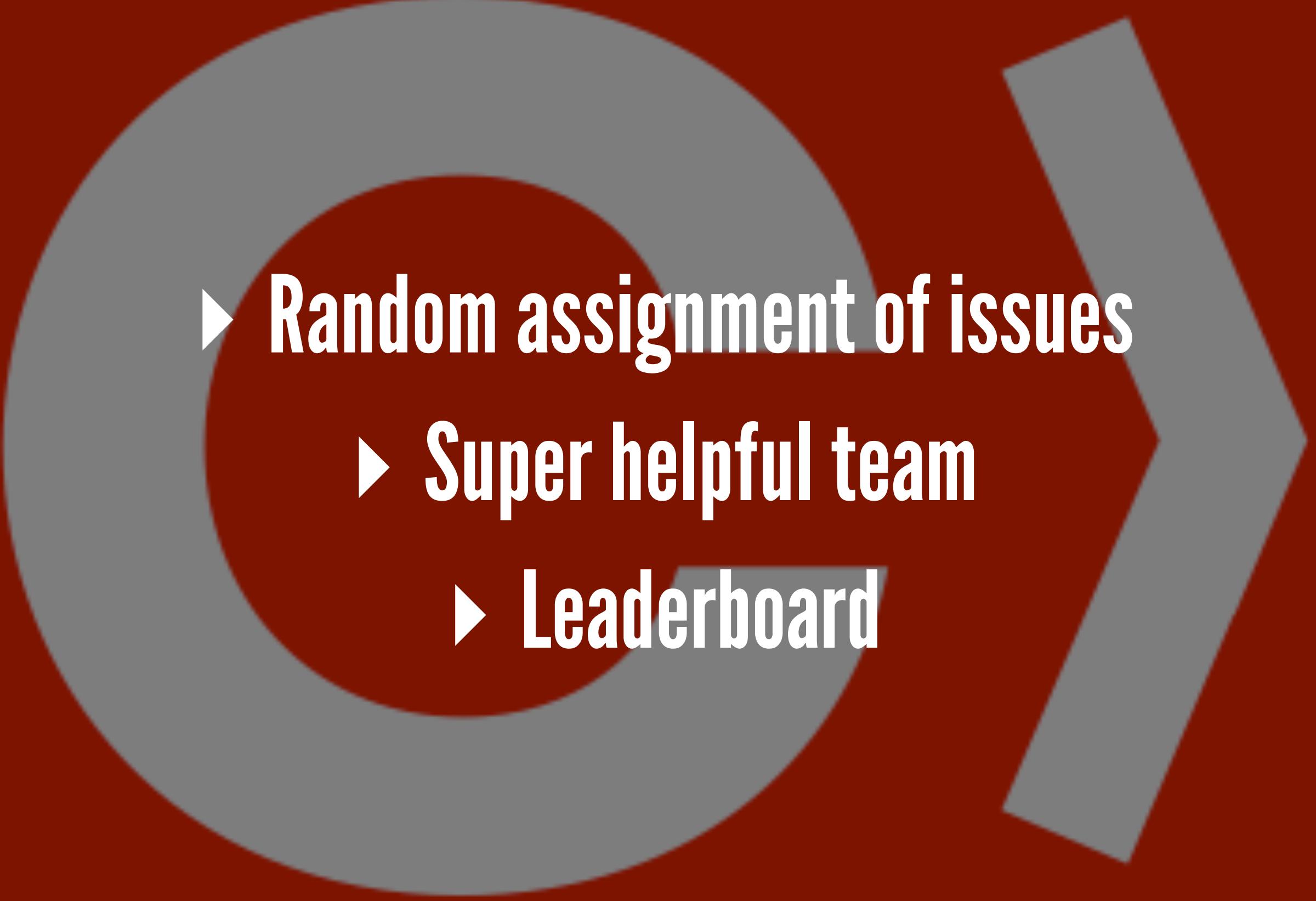
 Follow @orta

We then looked for interesting incentives, and we have some compelling icing on the proverbial cake.

The Plan

We want to clean up our issues, remove duplicates, improve the writing and make them easily reproducible.

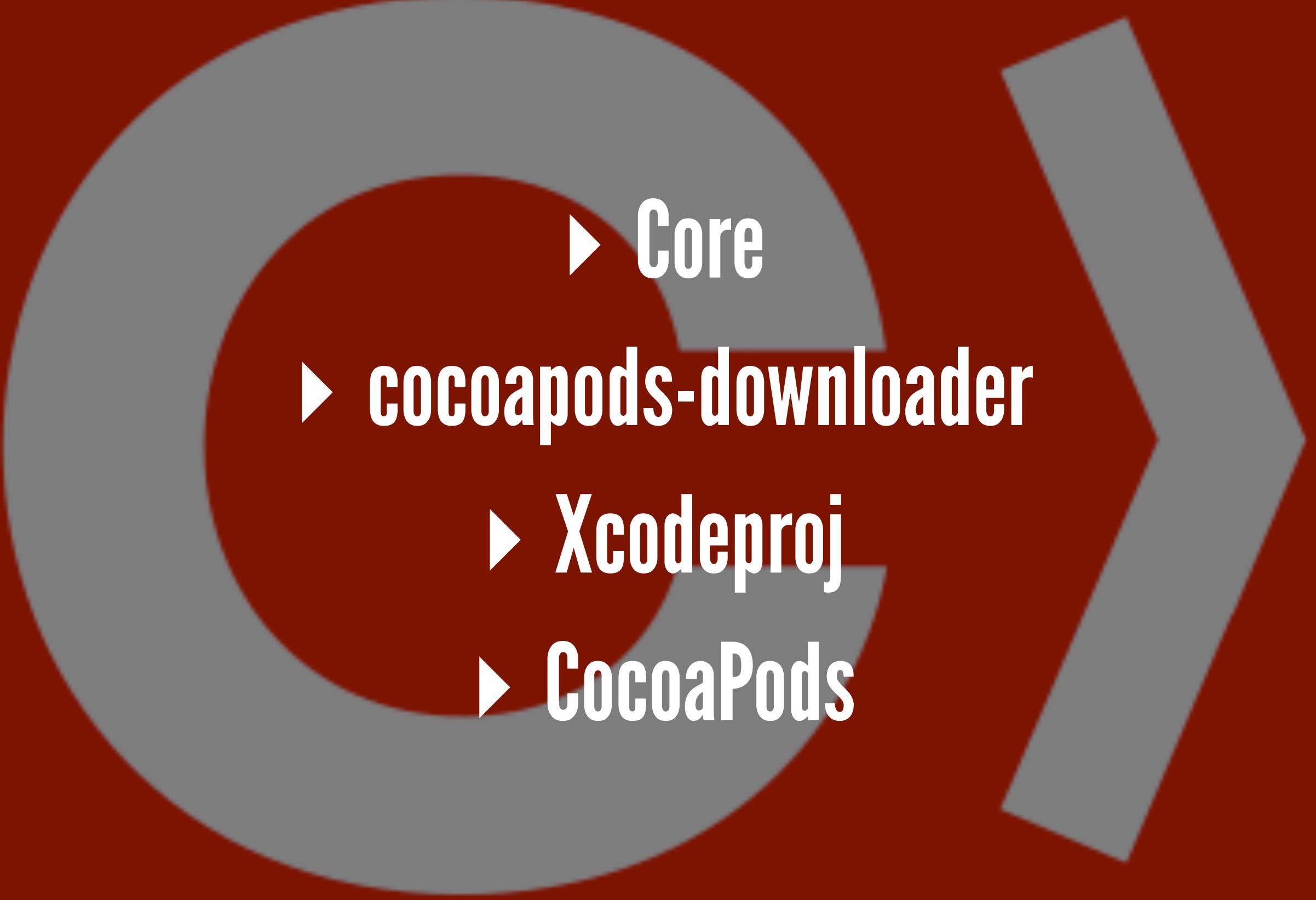
Fixing issues themselves would be lovely, but it's not the focus. This means you don't have to know a lot of ruby, but more apply general debugging skills to the problem.

- 
- ▶ Random assignment of issues
 - ▶ Super helpful team
 - ▶ Leaderboard

A dense tropical rainforest scene. The foreground is filled with a variety of green plants, including large palm fronds and smaller leafy plants. In the background, several tree trunks rise, some with moss or vines growing on them. The overall atmosphere is lush and green.

RAINFOREST

```
$ git clone https://github.com/CocoaPods/Rainforest.git  
$ cd Rainforest  
$ rake bootstrap  
$ rake local_dependencies_set  
$ CocoaPods/bin/pod --help
```

- 
- ▶ Core
 - ▶ cocoapods-downloader
 - ▶ Xcodeproj
 - ▶ CocoaPods

CORE

```
spec = Pod::Specification.from_file('CPDColors.podspec')
puts spec.name
puts spec.version
```

```
$ ./core.rb
CPDColors
0.1.0
```

COCOAPODS-DOWNLOADER

```
def download_head!
  hg! %|clone #{url} #{@target_path.shellescape}| [...]
end

def download_revision!
  hg! %|clone "#{url}" --rev '#{options[:revision]}' #{@target_path} [...]
end

def download_tag!
  hg! %|clone "#{url}" --updaterev '#{options[:tag]}' #{@target_path} [...]
end
```

XCODEPROJ

```
wrkspace = Xcodeproj::Workspace.new_from_xcworkspace(  
  'CPDColors/Example/Demo.xcworkspace')  
puts wrkspace.schemes
```

```
$ ./xcodeproj.rb  
{"Demo"=>"/Users/boris/Projects/CPDColors/Example/Demo.xcodeproj",  
 "Pods"=>"/Users/boris/Projects/CPDColors/Example/Pods/Pods.xcodeproj"}
```

COCOAPODS

```
$ pod install
Analyzing dependencies
Pre-downloading: `DBCamera` from `https://github.com/...`
Downloading dependencies
Installing ARASCIISwizzle (1.1.0)
Installing Bolts (1.1.0)
[...]
Generating Pods project
Integrating client project
```

RUBY

\$ irb

► Interactive Ruby Shell

RUBY

```
irb(main):001:0> "Hello World"  
=> "Hello World"
```

RUBY

```
irb(main):019:0> def h(name = "World")
irb(main):020:1> puts "Hello #{name.capitalize}!"
irb(main):021:1> end
=> :h
irb(main):022:0> h "chris"
Hello Chris!
```

RUBY

```
irb(main):001:0> a
NameError: undefined local variable or method `a' for main:Object
  from (irb):1
  from /usr/bin/irb:12:in `<main>'
irb(main):002:0> a = b
NameError: undefined local variable or method `b' for main:Object
  from (irb):2
  from /usr/bin/irb:12:in `<main>'
irb(main):003:0> a = a
=> nil
```

LEARNING MORE ABOUT RUBY

- ▶ <http://mislav.uniqpath.com/poignant-guide/>
- ▶ <https://www.ruby-lang.org/en/documentation/quickstart/>

**PLEASE USE THE
SYSTEM RUBY!**



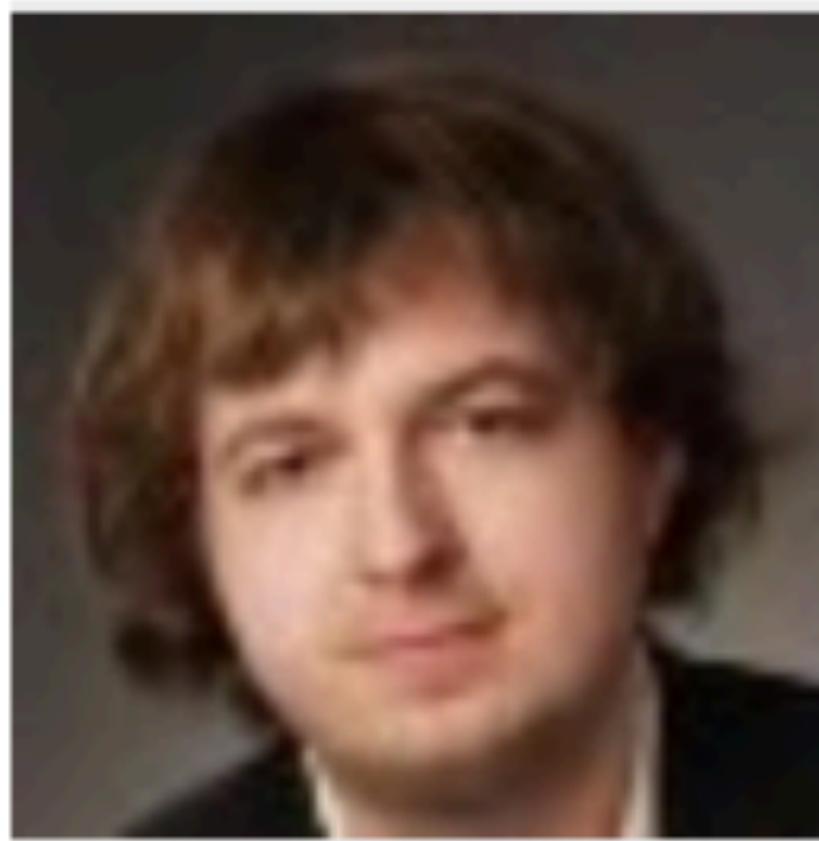
THANKS!





<https://github.com/CocoaPods/Rainforest>

Say congrats on the new job!



Boris Bügling

Senior Recruiter

CocoaPods

Like • Comment (1) • 13d ago