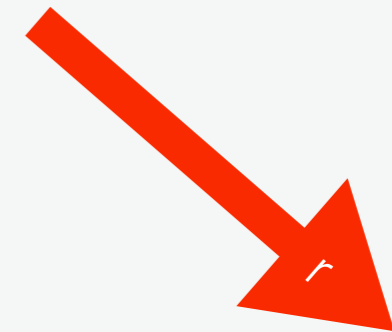


CocoaPods

Orta Therox

This guy




orta (Orta) - GitHub

GitHub, Inc. github.com/orta

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Contributions Repositories Public Activity Follow



Orta
orta

Artsy.net & CocoaPods
Manchester / NYC
orta.therox@gmail.com
http://orta.github.io
Joined on Jan 24, 2009

292 followers 291 starred 72 following

Organizations

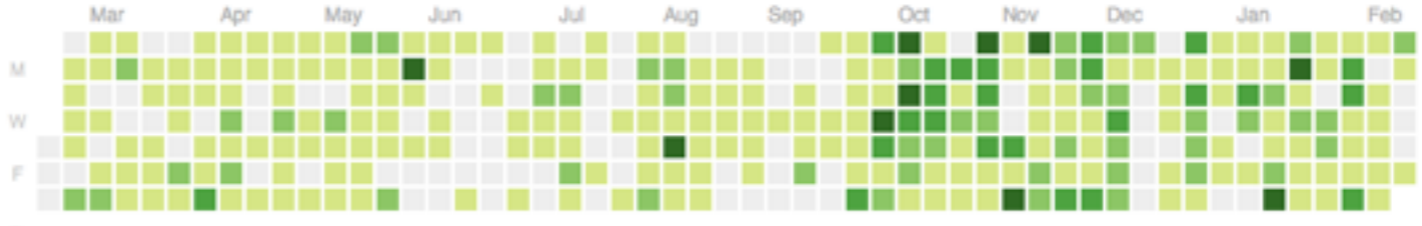
Popular repositories

- ARAnalytics** 345 ★
Simplify your iOS analytics
- chairs** 149 ★
Swap around your iOS Simulator Docum...
- iMessage-Style-Receding-Key...** 141 ★
A demo application for showing how to d...
- ORStackView** 120 ★
Vertically stack views using Auto Layout,...
- GIFs** 72 ★
A Mac App for finding GIFs

Repositories contributed to

- CocoaPods/blog.cocoapods.org** 5 ★
The blog for CocoaPods
- CocoaPods/Specs** 1,482 ★
A repository of CocoaPods (cocoapods.o...
- CocoaPods/guides.cocoapods...** 14 ★
CocoaPods Guides Site
- CocoaPods/shared_resources** 2 ★
Shared resources for the cocoapods we...
- CocoaPods/cocoapods.org** 5 ★
New homepage:

Public contributions

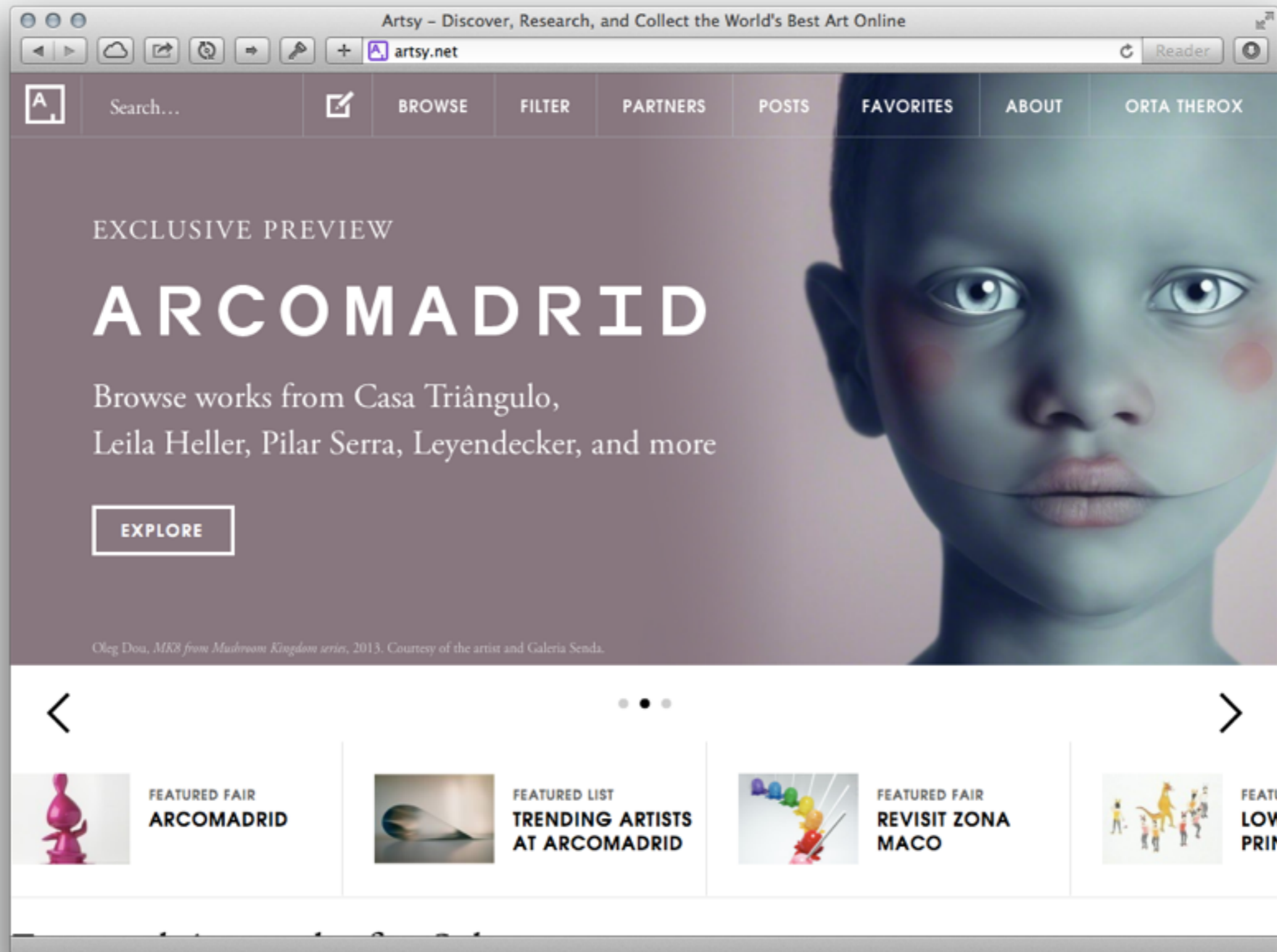


Summary of Pull Requests, issues opened and commits. [Learn more.](#) Less More

1,791 Total Feb 21 2013 - Feb 21 2014

33 days November 07 - December 09



0 days Rock - Hard Place

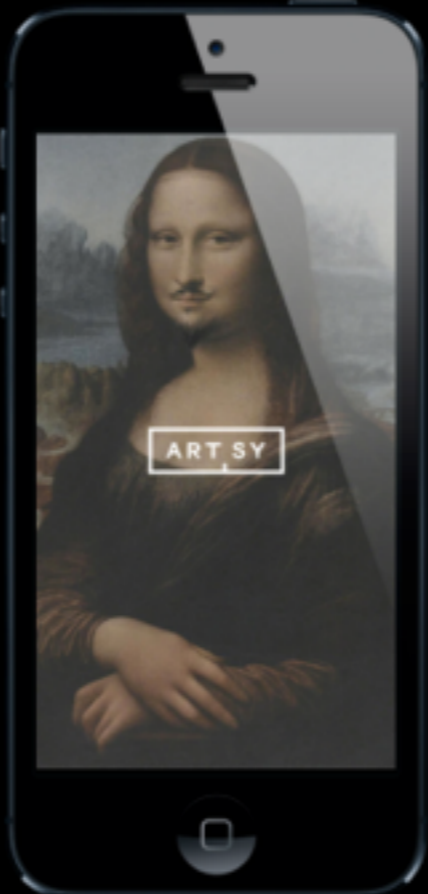


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The banner features a background image of a busy art fair with people walking through a large, high-ceilinged hall. A white text box is overlaid on the left side of the image, containing promotional text and two red buttons.

Powered by Artsy



What is CocoaPods?

WHAT IS COCOAPODS?

- › A Dependency Manager
- › A Community around mostly Open source Objective-C code

WHAT IS COCOAPODS?

- › Three heads
- › Core team of ~15
- › ~150 Contributors to tools
- › Thousands of contributors to libraries

WHAT IS COCOAPODS?

- › Users download a ruby gem
- › Developers provide recipes for creating Xcode projects call Podspecs
- › Users write a list of dependencies in a Podfile
- › CocoaPods pulls in externals to your project with as little changes to your project as possible

REAL LIFE USAGE

The screenshot shows an Xcode workspace for a project named 'Artsy'. The main editor displays a Podfile with the following content:

```
3 # Yep.
4 inhibit_all_warnings!
5
6 pod 'ObjectiveSugar'
7 pod 'Mantle', '~> 1.0'
8 pod 'AFNetworking', '~> 1.0'
9 pod 'ISO8601DateFormatter', '~> 0.6'
10 pod 'TSMiniWebBrowser', :git => 'https://github.com/speednoisemovement/
11 TSMiniWebBrowser.git'
12 pod 'JLRoutes', :git => 'https://github.com/speednoisemovement/JLRoutes.git'
13
14 # note: this is not an Artsy project
15 pod 'ARGenericTableViewController', :git => 'https://github.com/orta/
16 ARGenericTableViewController.git'
17
18 pod 'ORKeyboardReactingApplication', :git => 'https://github.com/orta/
19 ORSimulatorKeyboardAccessor.git'
20 pod 'ORStackView', :git => "https://github.com/orta/ORStackView"
21
22 pod 'FLKAutoLayout'
23
24 pod 'AHEasing'
25 pod 'UIView+EasingFunctions'
26
27 pod 'CocoaLumberjack', '~> 1.6'
28 pod 'KSDeferred', '~> 0.1.0'
29 pod 'SDWebImage', '~> 3.4'
30 pod 'FXBlurView', '~> 1.1'
31 pod 'JSDecoupledAppDelegate', '~> 1.0'
32
33 pod 'MMMarkdown', '~> 0.2.3'
34 pod 'ARAnalytics/Mixpanel', '~> 2.3.3'
35 pod 'ARAnalytics/HockeyApp', '~> 2.3.3'
36
37 pod 'UICKeyChainStore', '~> 1.0.3'
38
39 # things to remove in production
40 pod 'Reveal-iOS-SDK'
41 pod 'VCRURLConnection', '~> 0.1.1'
42 pod 'DHCSHakeNotifier', '~> 0.1'
43
44 pod 'Facebook-iOS-SDK', '~> 3.7.1'
45 pod 'iRate', '~> 1.7.5'
46 pod 'AFOAuth1Client', :git => 'https://github.com/dstnkrkr/AFOAuth1Client.git'
47
48 target 'Artsy Tests', :exclusive => true do
49   pod 'FBSnapshotTestCase', :git => 'https://github.com/dstnkrkr/ios-snapshot-test
50   -case'
51 end
```

The right sidebar shows a commit history for the Podfile:

- 16 December 2013
dblock (da73a79ca4a6) 21:55 Show 2 modified files
Fix: specify ARAnalytics version.
- 11 November 2013
Dustin Barker (a1f84a2f8a1a) 18:25 Show 3 modified files
Point to local fork of FBSnapshotTestCase
- 29 October 2013
Dustin Barker (2a27b2a2ea72) 17:30 Show 1 modified file
Add test target and FBSnapshotTestCase to Podfile
- 25 October 2013
Orta Therox (4c4d36ffcabe) 15:19 Show 6 modified files
ARArtworkSet uses the pagingVC instead
- 22 October 2013
Orta Therox (24751b5414b4) 14:41 Show 2 modified files
remove SFHFKeychainUtils
- 16 October 2013
Leonard Grey (2b113c0b7314) 22:02 Show 5 modified files
Construct our own URL requests for Martsy views
- 14 October 2013
Dustin Barker (4f617a6a761e) 21:23 Show 2 modified files
Point to fork of AFOAuth1Client for cancel fix
Fixes #580

When would you
use CocoaPods?

WHEN WOULD YOU USE COCOAPODS?

- › You want to use someone else's code
- › You want to start splitting up your code base

Example

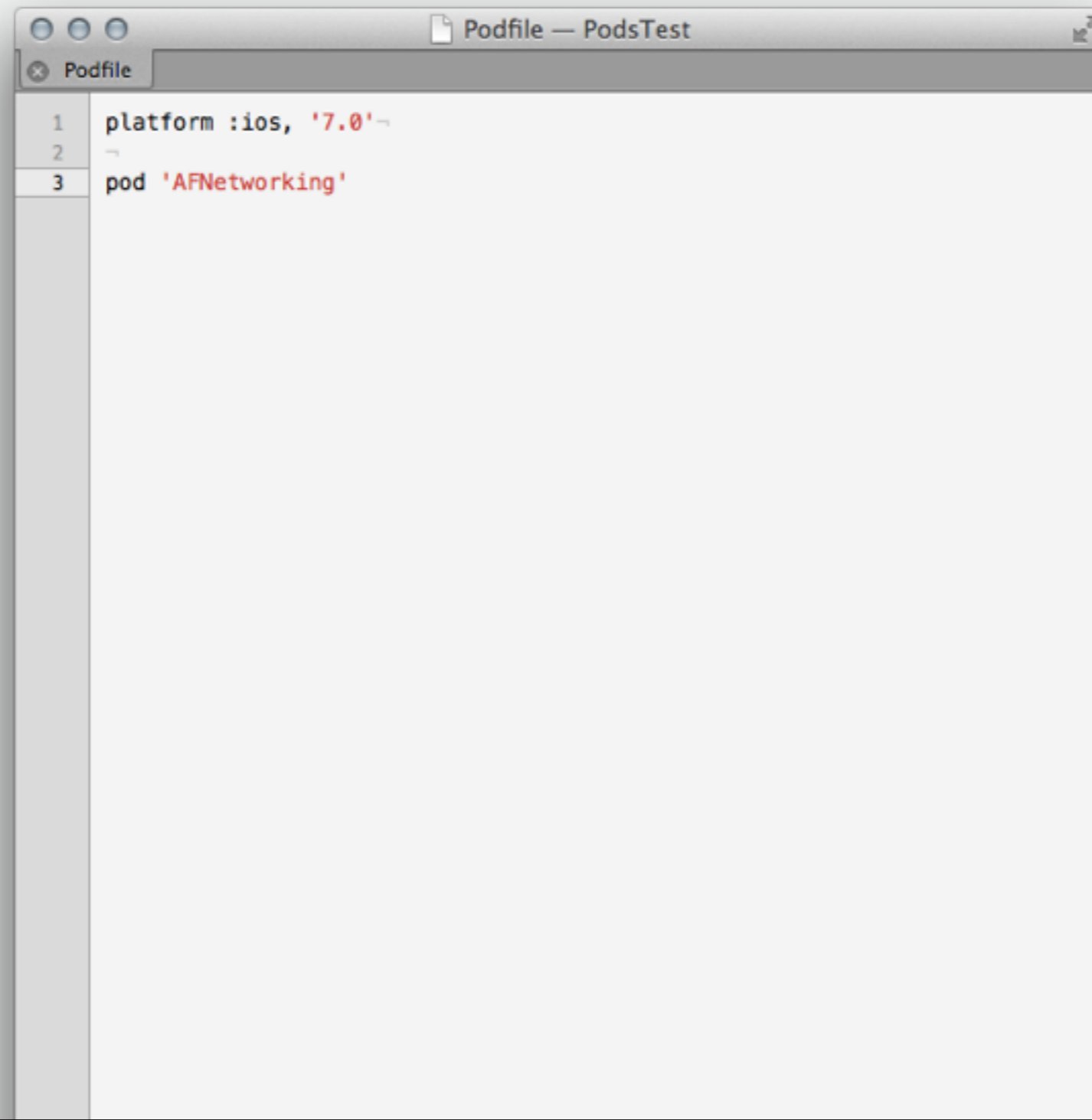
REAL LIFE USAGE

The screenshot shows the Xcode IDE with the following details:

- Project Name:** PodsTest
- Target:** iPhone Retina (3.5-inch)
- File:** ARAppDelegate.m
- Code:**

```
1 //  
2 // ARAppDelegate.m  
3 // PodsTest  
4 //  
5 // Created by Orta on 21/02/2014.  
6 // Copyright (c) 2014 Orta Therox. All rights reserved.  
7 //  
8 //  
9 #import "ARAppDelegate.h"  
10  
11 @implementation ARAppDelegate  
12  
13 - (BOOL)application:(UIApplication *)application  
14   didFinishLaunchingWithOptions:(NSDictionary *)  
15   launchOptions  
16 {  
17   // Override point for customization after application  
18   // launch.  
19   return YES;  
20 }  
21  
22 - (void)applicationWillResignActive:(UIApplication *)  
23   application  
24 {  
25   // Sent when the application is about to move from active  
26   // to inactive state. This can occur for certain types of  
27   // temporary interruptions (such as an incoming phone  
28   // call or SMS message) or when the user quits the  
29   // application and it begins the transition to the  
30   // background state.  
31   // Use this method to pause ongoing tasks, disable timers,  
32   // and throttle down OpenGL ES frame rates. Games should  
33   // use this method to pause the game.  
34 }  
35  
36 - (void)applicationDidEnterBackground:(UIApplication *)
```
- Identity and Type:**
 - Name: ARAppDelegate.m
 - Type: Default - Objective-C So...
 - Location: Relative to Group
 - Full Path: /Users/orta/Desktop/PodsTest/PodsTest/ARAppDelegate.m
- Target Membership:**
 - PodsTest
 - PodsTestTests
- Text Settings:**
 - Text Encoding: Default - Unicode (UTF-8)
 - Line Endings: Default - OS X / Unix (LF)
 - Indent Using: Spaces
 - Widths: 4, 4
- Buttons:**
 - Push Button** - Intercepts mouse-down events and sends an action message to a target object when it's...
 - Gradient Button** - Intercepts mouse-down events and sends an action message to a target object...
 - Rounded Rect Button** - Intercepts mouse-down events and sends an action message to a target object...

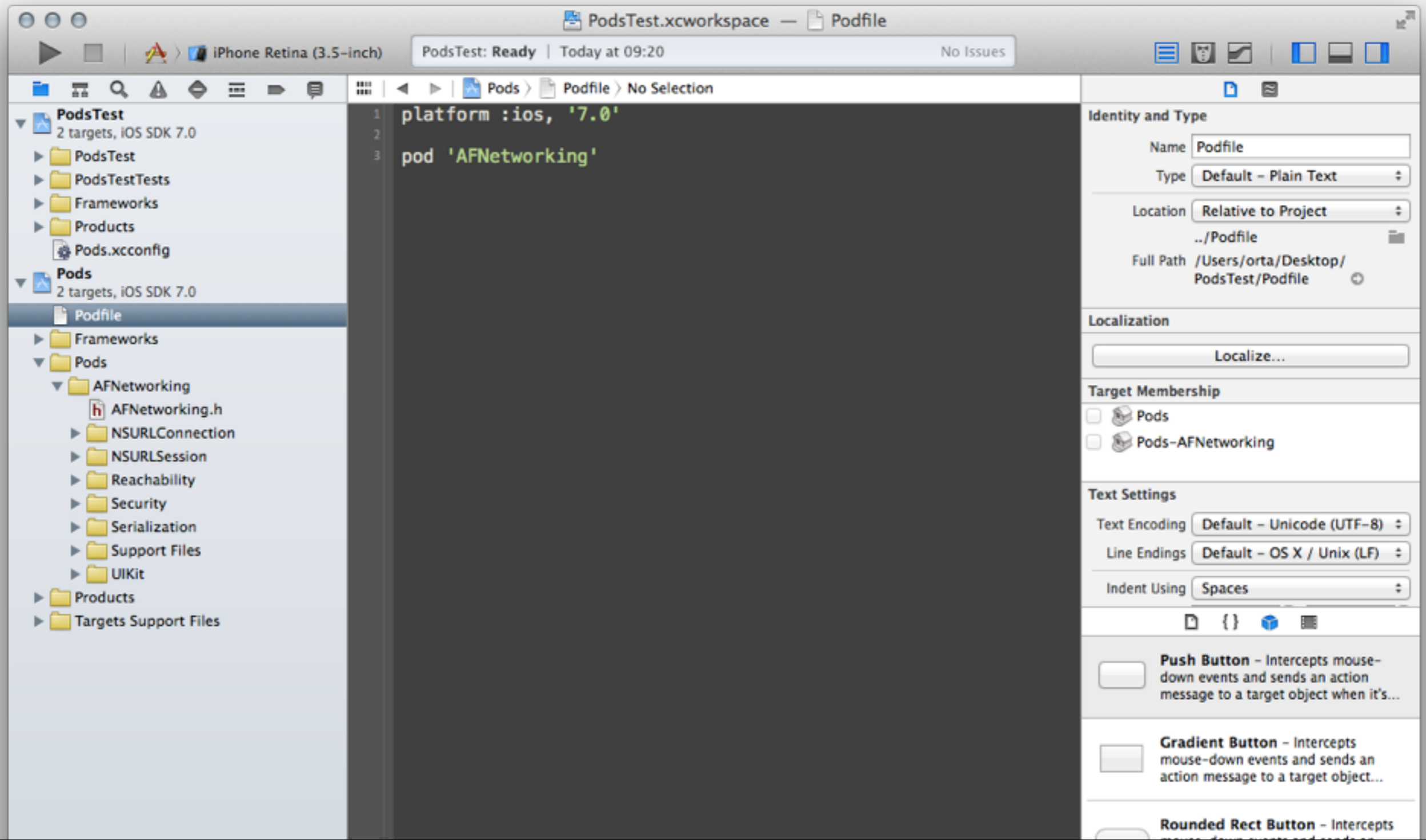
REAL LIFE USAGE



The image shows a screenshot of a code editor window titled "Podfile — PodsTest". The window contains a Podfile with the following content:

```
1 platform :ios, '7.0'~  
2 ~  
3 pod 'AFNetworking'
```


REAL LIFE USAGE



How does it
compare?

BREW

- › Dependency manager for mac terminal apps
- › Collection of steps for installing
- › Started the trend towards externalising code

RUBY + BUNDLER

- › Hosts source files
- › Very deep dependency resolving

NPM

- › Has every feature under the sun
- › Costs the owners 6 figures

ANDROID?

- › They don't have one...
- › Someone should fix that.

2013

THE BAD

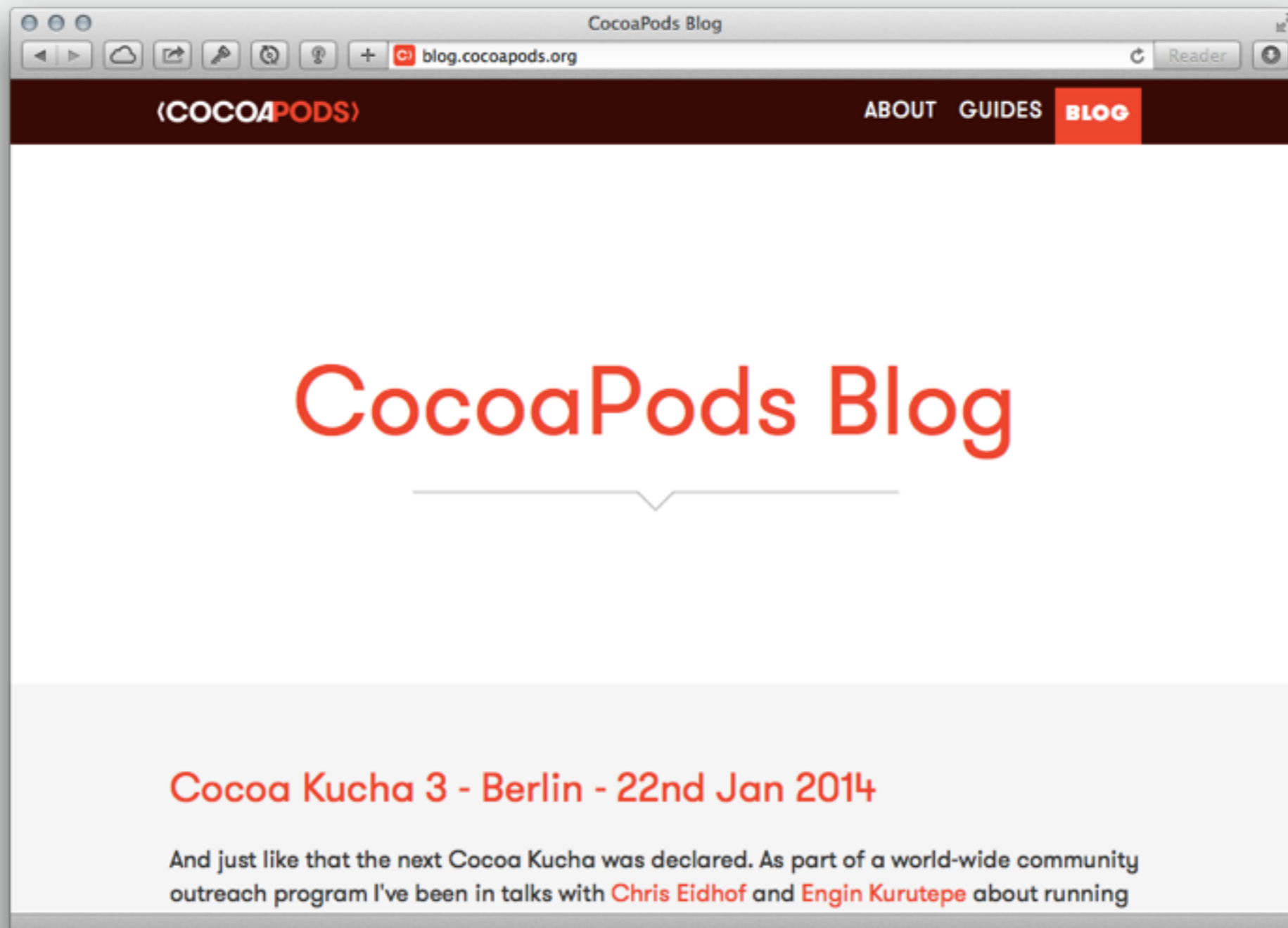
- › Lack of authentication
- › Still a lot of manual work
- › Hit libgit bug

THE GOOD

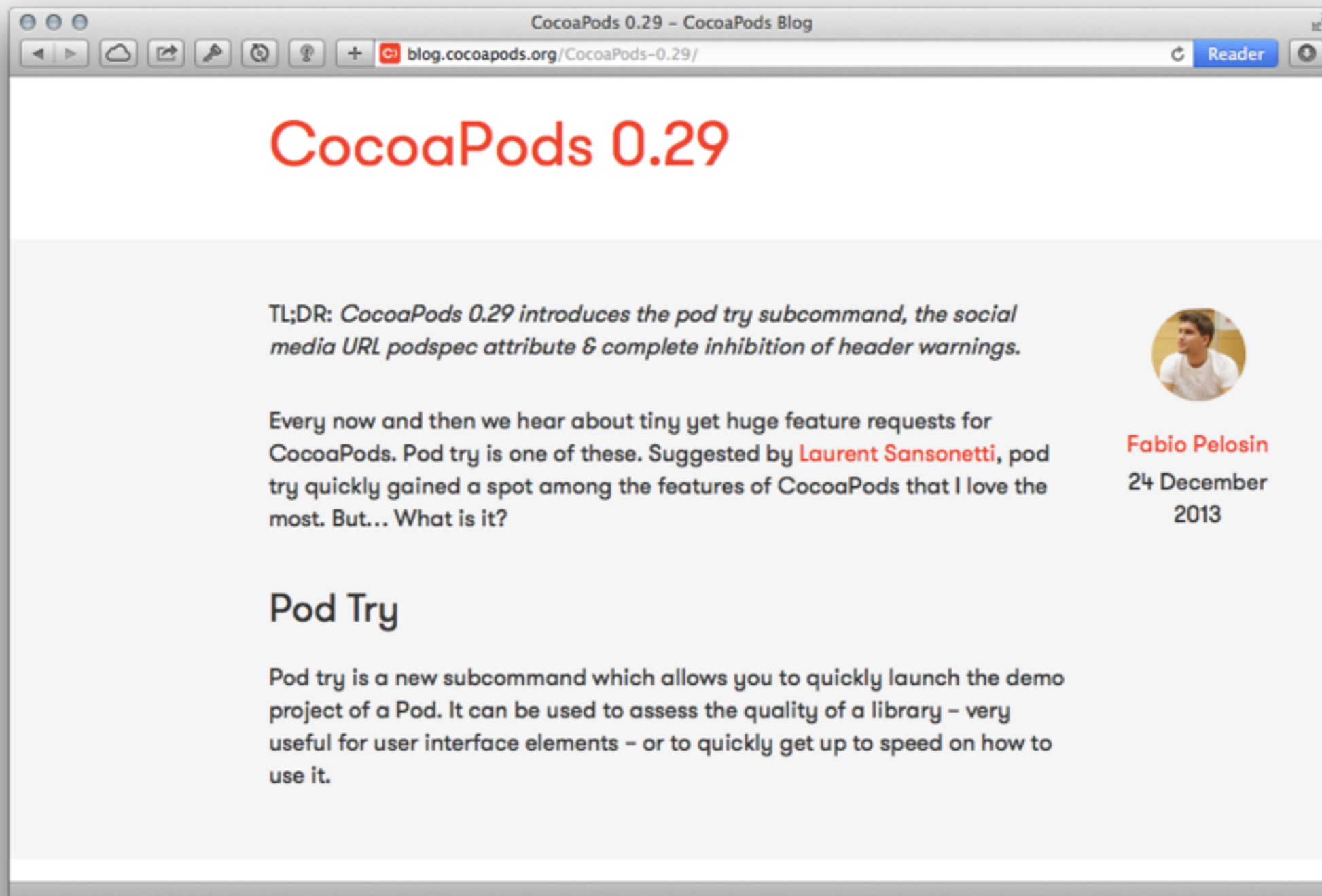
- › Hit 3500 libraries
- › 2nd most merged Pull Requests on Github
- › 2nd most contributors to a repo
- › Rebranding shows big increase in engagement

How do we deal with communication?

BLOG



BLOG



TWITTER

orta CocoaPods

CocoaPods is following you.

CocoaPods @CocoaPods Unfollow

The dependency manager for Objective-C.

For support please consult the guides: guides.cocoapods.org/using/troubles...

No Location	http://cocoapods.org
Followers 4,994	Following 30
Tweets 3,010	Listed 212

Twitter User #402,676,244. Member Since November 2011.

Flávio J V Caetano @Flavio_Caetano 13h
Just migrated the cocoapod-badges to the Badges organization! Going bigger! @CocoaPods github.com/badges/cocoapo...
Retweeted by CocoaPods

CocoaPods @CocoaPods 1d
i Don't forget to follow @CocoaPodsFeed for new CocoaPod libraries.

CocoaPods @CocoaPods 2d
i - If you're making/editing a Podspec you should add social_media_url to make it easy for people to contact you.
guides.cocoapods.org/syntax/podspec...

CocoaPods @CocoaPods 2d

CocoaPods CocoaPodsFeed

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Get information on the latest @CocoaPods pods.

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RSS: feeds.cocoapods.org/new-pods.rss

No Location	http://cocoapods.org
Followers 800	Following 8
Tweets 471	Listed 24

Twitter User #2,178,928,094. Member Since November 2013.

CocoaPods New Pods @CocoaPodsFeed 6h
[Ornament] Ornament is a set of APIs used to provide visual ornamentation for iOS apps. github.com/jordanekey/Orn...

CocoaPods New Pods @CocoaPodsFeed 14h
[UIDevice+BlurEnabled] UIDevice category to check whether blur is enabled. github.com/djmadcat/UIDev...

CocoaPods New Pods @CocoaPodsFeed 14h
[LAPickerView] Horizontal spinning-wheel picker view for iOS. github.com/laugga/lapicke...

CocoaPods New Pods @CocoaPodsFeed 15h

UPDATING THE GEM

```
~/s/i/Eskimote (master ↗) gem install cocoapods
Fetching: cocoapods-0.29.0.gem (100%)

CHANGELOG:

## 0.29.0
[CocoaPods](https://github.com/CocoaPods/CocoaPods/compare/0.28.0...0.29.0)
• [CocoaPods-core](https://github.com/CocoaPods/Core/compare/0.28.0...0.29.0)
• [cocoapods-downloader](https://github.com/CocoaPods/cocoapods-downloader/compare/0.2.0...0.3.0)

##### Breaking

* The command `podfile_info` is now a plugin offered by CocoaPods.
  As a result, the command has been removed from CocoaPods.
  [Joshua Kalpin](https://github.com/Kapin)
  [#1589](https://github.com/CocoaPods/CocoaPods/issues/1589)

* JSON has been adopted as the format to store specifications. As a result
  the `pod ipc spec` command returns a JSON representation and the YAML
  specifications are not supported anymore. JSON specifications adopt the
  `.podspec.json` extension.
  [Fabio Pelosin](https://github.com/irrationalfab)
  [#1568](https://github.com/CocoaPods/CocoaPods/pull/1568)

##### Enhancements
```

CHANGELOG

CocoaPods/CHANGELOG.md at master · CocoaPods/CocoaPods

github.com/CocoaPods/CocoaPods/blob/master/CHANGELOG.md

This repository Search or type a command Explore Gist Blog Help

CocoaPods / CocoaPods Watch 249 Unstar 3,535 Fork 530

branch: master CocoaPods / CHANGELOG.md

alloy 17 days ago [CHANGELOG] Document fix to pod lib template.

39 contributors and others.

file | 2066 lines (1535 sloc) | 85.389 kb Open Edit Raw Blame History Delete

Installation & Update

To install or update CocoaPods see this [guide](#).

0.29.0

[CocoaPods](#) • [CocoaPods-core](#) • [cocoapods-downloader](#)

Breaking

- The command `podfile_info` is now a plugin offered by CocoaPods. As a result, the command has been removed from CocoaPods.

What is New?

WHAT IS NEW?

PLUGINS

TRUNK

DESIGN

```
pod browse ARAnalytics
```

```
pod doc FLKAutoLayout
```

```
pod try ORStackView
```

WHAT IS NEW?

PLUGINS

TRUNK

DESIGN

- › Centralised authentication server
- › Handles taking a JSON Podspec and merging into the Specs repo

TRUNK

The screenshot shows a web browser window displaying a GitHub repository page for `cocoapods-trunk`. The browser's address bar shows the URL `github.com/alloy/cocoapods-trunk/blob/master/lib/pod/command/trunk.rb`. The repository page includes a search bar, navigation links (Explore, Gist, Blog, Help), and repository statistics (1 Watch, 0 Stars, 1 Fork). The file path is `cocoapods-trunk / lib / pod / command / trunk.rb`. A commit message by `orta` is visible: "15 days ago fix crash when no user credentials exist". The file details are 128 lines (101 sloc) and 3.825 kb. The code content is as follows:

```
1 require 'json'
2 require 'rest'
3 require 'netrc'
4
5 module Pod
6   class Command
7     class Trunk < Command
8       self.abstract_command = true
9       self.summary = 'Interact with trunk.cocoapods.org'
10
11       private
12
13       BASE_URL = 'https://trunk.cocoapods.org/api/v1'
14
15       def print_response(response)
16         puts "[HTTP: #{response.status_code}]"
```

TRUNK

The screenshot shows a GitHub repository page for `alloy/trunk.cocoapods.org-test`. The current view is for the file `Analytics.podspec.json` in the `0.9.1` directory under the `Analytics` subdirectory. The commit was made by `alloy` 10 days ago. The file contains a JSON specification for a CocoaPods pod.

Repository: alloy / trunk.cocoapods.org-test

branch: master trunk.cocoapods.org-test / Specs / Analytics / 0.9.1 / Analytics.podspec.json

alloy 10 days ago [Add] Analytics 0.9.1

1 contributor

file | 43 lines (43 sloc) | 0.923 kb

Open Edit Raw Blame History Delete

```
1 {
2   "name": "Analytics",
3   "version": "0.9.1",
4   "summary": "Segment.io analytics and marketing tools library for iOS.",
5   "homepage": "https://segment.io/libraries/ios",
6   "license": {
7     "type": "MIT",
8     "file": "License.md"
9   },
10  "authors": {
11    "Segment.io": "friends@segment.io"
12  },
13  "source": {
14    "http": "https://s3.amazonaws.com/segmentio/releases/ios/Analytics-0.9.1.zip",
15    "flatten": true
16  },
```

WHAT IS NEW?

PLUGINS

TRUNK

DESIGN



BRIEF DEMO OF WEBSITES

WHAT IS NEW?

PLUGINS

TRUNK

DESIGN

**COCOA
KUCHA**

Roadmap

ITERATIVE DEPENDENCY RESOLVER

- › Create a recursive dependency graph, looking through history
- › This means that very complex dependencies can be automated

OSX SANDBOXING

- › Existed for a year as `sandbox-pod`
- › CocoaPods only has access to project folder

POD EDIT COMMAND

- › Simplify contributing back to open source
- › Convert the local pod into a forked remote that uses symlinks allowing edits

POD ANALYTICS

- › Built into CocoaPods command line tool
- › Provide download / install numbers

SPECS REPO JSON SWITCH

- › No more executable code coming from external sources
- › Means the “CocoaPods API” redirects to github as the canonical source for files
- › Briefly in action with 0.29’s pod push

OFFICIAL COCOAPODS API

- › Documented fast search API
- › Related metadata on-top for CocoaPods
- › Web hooks for external services

COCOAPODS.ORG V2

- › Should be able to find the right pod on one page
- › Each pod will have its own page
- › Search will provide large amounts of context
- › Safari push notifications for library updates

COCOAPODS.ORG SEARCH V2

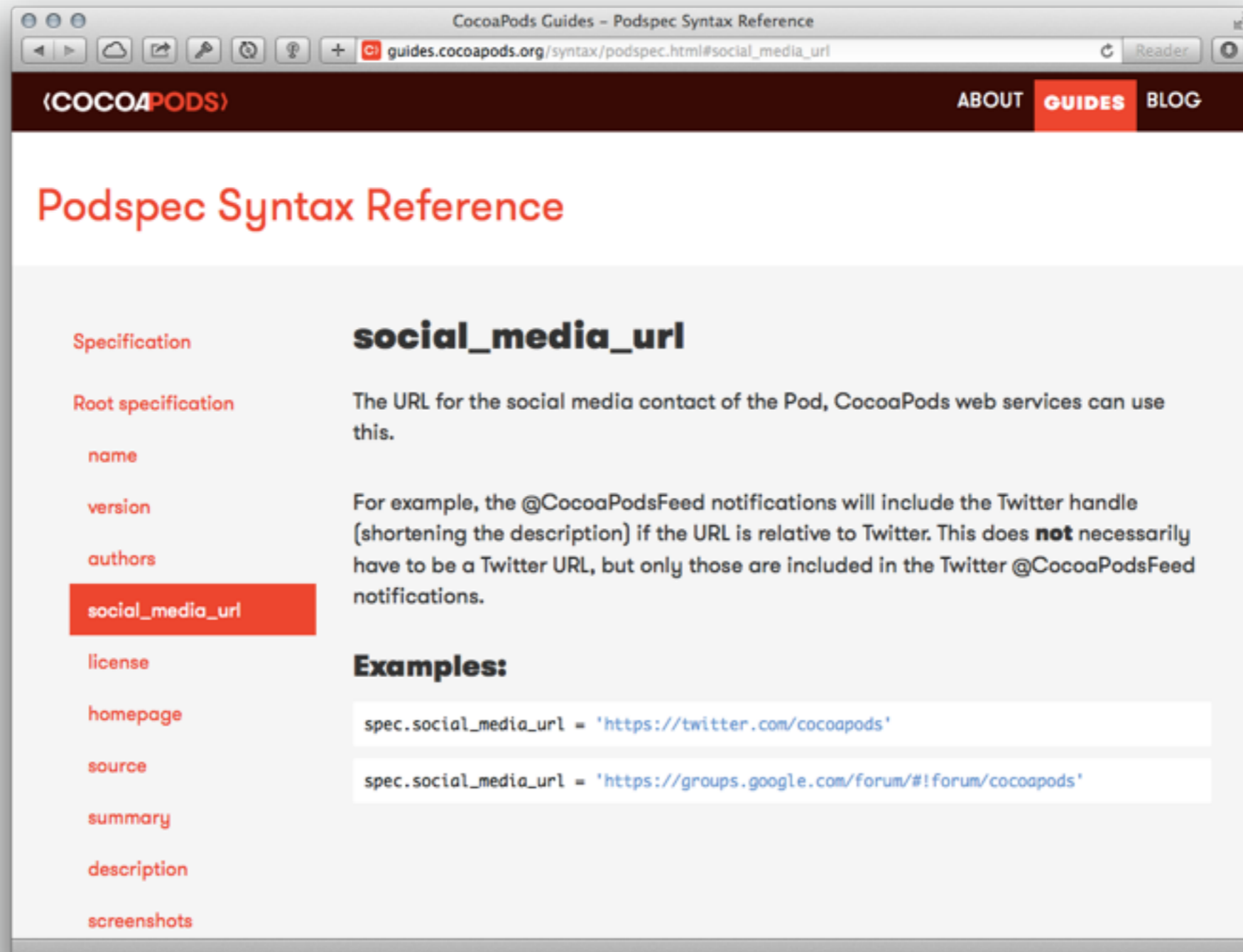
- Inline READMEs
- Relative Popularity
- Github stars / forks
- Project maturity
- Release cycle
- Related Projects
- Screenshots
- Improved Attribution

COCOADOCS.ORG V2

- › Re-think design.
- › Improve DocSets support
- › Improved error handling

Note

TRUNK



Thanks

@orta / @CocoaPods / @CocoaPodsFeed