

Automatiza tu flow en

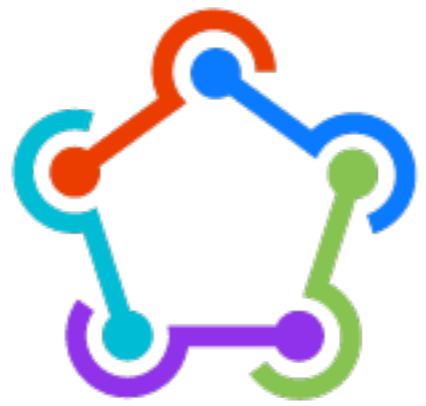
ios

The Python logo, which is a stylized black snake coiled around the letter 'o' in the word 'ios'.

Jorge Maroto García

@patoroco

ticketea



fastlane

Tweets

Felix Krause
@KrauseFx

I'm incredibly excited to announce that fastlane is now part of @fabric krausefx.com/blog/fastlane-...



fastlane

now part of  fabric

21/10/15 20:12

287 RETWEETS 321 FAVORITES





...

+ ANNOUNCING



fastlane

Android Support

BETA



flight

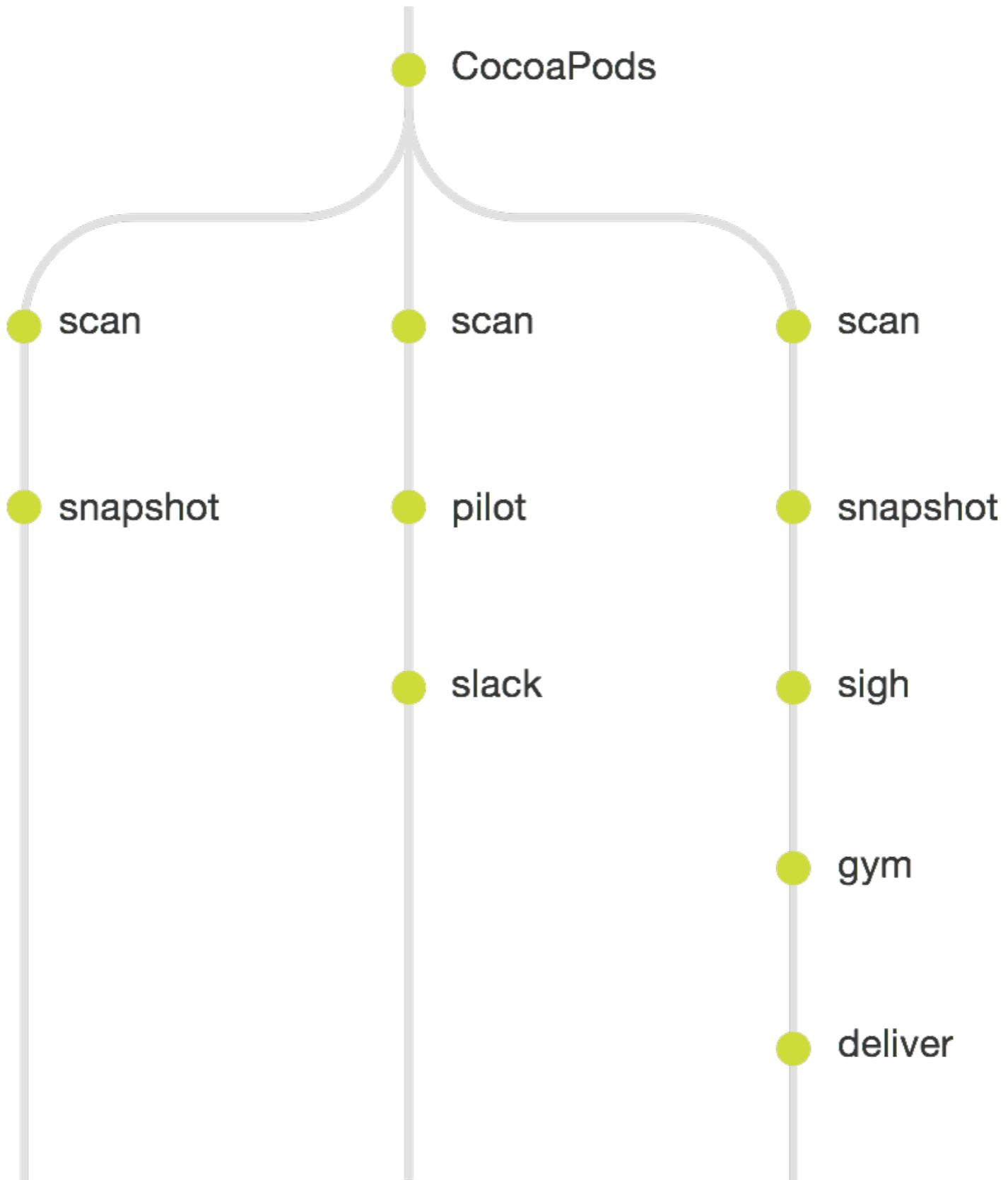
Automatiza tu flow en

ios mobile

Jorge Maroto García

@patoroco

ticketea





Spaceship

Without Spaceship

```
2. felixkrause@Felixs-MacBook-Pro: ~ (zsh)
felixkrause ▶ Felixs-MacBook-Pro ▶ ~ ▶ $ ▶ sigh □
```

With Spaceship

```
3. felixkrause@Felixs-MacBook-Pro: ~/Developer/fastlane/sigh/bin (zsh)
felixkrause ▶ Felixs-MacBook-Pro ▶ ~ ▶ Developer ▶ fastlane ▶ sigh ▶ bin ▶ feature/spaceship + ▶ $ ▶ ./sigh □
```



fastlane

Meet the fastlane family (iOS)



deliver

Upload screenshots, metadata and your app to the App Store using a single command

Star 2,283



snapshot

Automate taking localized screenshots of your iOS app on every device

Star 1,738



frameit

Quickly put your screenshots into the right device frames

Star 863



PEM

Automatically generate and renew your push notification profiles

Star 514



sigh

Because you would rather spend your time building stuff than fighting provisioning

Star 879



produce

Create new iOS apps on iTunes Connect and Developer Portal using the command line

Star 157



cert

Automatically create and maintain iOS code signing certificates

Star 138



gym

Building your iOS app has never been easier

Star 542



scan

The easiest way to run tests of your iOS and Mac app

Star 154

iOS TestFlight Tools



Pilot

pilot

The best way to manage your TestFlight
testers and builds from your terminal

Star 238



boarding

boarding

Instantly create a simple signup page for
TestFlight beta testers

Star 257

Meet the new fastlane for Android tools



supply

Command line tool for updating Android
apps and their metadata on the Google
Play Store

Star 128

and more ...

<https://github.com/fastlane/>

```
1. patoroco@: ~ (zsh)
→ rvm gemset create codemotion
ruby-2.2.3 - #gemset created /Users/patoroco/.rvm/gems/ruby-2.2.3@codemotion
ruby-2.2.3 - #generating codemotion wrappers.....
→ rvm gemset use codemotion
Using ruby-2.2.3 with gemset codemotion
→ gem instal
```

Install
gem install fastlane

..odemotion2015 (zsh)

..otion Deckset (zsh)

~ (zsh)

**fastlane**

CLI for 'fastlane' - Connect all iOS deployment tools into one streamlined workflow.

Run using `fastlane [platform] [lane_name]`

To pass values to the lanes use `fastlane [platform] [lane_name] key:value
key2:value2`

Commands:

action	Shows more information for a specific command
actions	Lists all available fastlane actions
disable_crash_reporting	Disable crash reporting
docs	Generate a markdown based documentation based on the

Fastfile

enable_crash_reporting	Enable crash reporting to improve fastlane
help	Display global or [command] help documentation
init	Helps you setting up fastlane based on your existing

tools.

lanes	Lists all available lanes and shows their description
list	Lists all available lanes without description
new_action	Create a new custom action for fastlane.
run	Run a fastlane one-off action without a full lane
trigger	Drive the fastlane for a specific environment. Pass the

lane name and optionally the platform first

Global Options:

-h, --help	Display help documentation
-v, --version	Display version information

Author:

Felix Krause <fastlane@krausefx.com>

Website:

<https://fastlane.tools>



fastlane init

```
[19:26:19]: Done! Disabled 1 services.
codemotion2015 ➜ master ➜ fastlane init
[19:26:50]: Detected iOS/Mac project in current directory...
[19:26:50]: This setup will help you get up and running in no time.
[19:26:50]: First, it will move the config files from `deliver` and `snapshot`
[19:26:50]: into the subfolder `fastlane`.

[19:26:50]: fastlane will check what tools you're already using and set up
[19:26:50]: the tool automatically for you. Have fun!
Do you have everything commited in version control? If not please do so now! (y/n)
y
[19:26:52]: Created new folder './fastlane'.
[19:26:52]: -----
[19:26:52]: To not re-enter your username and app identifier every time you run one of the fastlane tools or fastlane, these will be stored from now on.
App Identifier (com.krausefx.app): me.maroto.codemotion2015
Your Apple ID (fastlane@krausefx.com): jorge.maroto@ticketeta.com
[19:27:06]: Created new file './fastlane/Appfile'. Edit it to manage your preferred app metadata information.
Do you want to setup 'deliver', which is used to upload app screenshots, app metadata and app updates to the App Store? This requires the app to be in the App Store already. (y/n)
n
Do you want to setup 'snapshot', which will help you to automatically take screenshots of your iOS app in all languages/devices? (y/n)
n
Do you want to use 'sigh', which will maintain and download the provisioning profile for your app? (y/n)
y
Optional: The scheme name of your app (If you don't need one, just hit Enter):
[19:27:48]: 'deliver' not enabled.
[19:27:48]: 'snapshot' not enabled.
[19:27:48]: 'xctool' not enabled.
[19:27:48]: 'cocoapods' not enabled.
[19:27:48]: 'carthage' not enabled.
[19:27:48]: 'sigh' enabled.
[19:27:48]: Created new file './fastlane/Fastfile'. Edit it to manage your own deployment lanes.
[19:27:48]: fastlane will send the number of errors for each action to
[19:27:48]: https://github.com/fastlane/enhancer to detect integration issues
[19:27:48]: No sensitive/private information will be uploaded
[19:27:48]: You can disable this by adding `opt_out_usage` to your Fastfile
[19:27:48]: Successfully finished setting up fastlane
codemotion2015 ➜ master ➜ ls
Gemfile          Gemfile.lock      README.md        circle.yml      codemotion2015      codemotion2015.xcodeproj codemotion2015Tests      fastlane
codemotion2015 ➜ master ➜ ls fastlane
Appfile  Fastfile actions
codemotion2015 ➜ master ➜ tree fastlane
fastlane
├── Appfile
└── Fastfile
└── actions

1 directory, 2 files
codemotion2015 ➜ master ➜
```

codemotion2015

↳ master

tree fastlane

fastlane

```
└── Appfile  
└── Fastfile  
└── actions
```

1 directory, 2 files

1. Appfile (~/Desktop/codemotion2015/fastlane) - VIM (vim)

```
1 app_identifier "me.maroto.codemotion2015" # The bundle identifier of your app
2 apple_id "jorge.maroto@ticketea.com" # Your Apple email address
3
4 # You can uncomment any of the lines below and add your own
5 # team selection in case you're in multiple teams
6 # team_name "Felix Krause"
7 # team_id "Q2CBPJ58CA"
8
9
10 # you can even provide different app identifiers, Apple IDs and team names per lane:
11 # https://github.com/KrauseFx/fastlane/blob/master/docs/Appfile.md
```

~

~

~

~

~

~

~

~

NORMAL ➤ ↵ master ➤ fastlane/Appfile conf ➤ utf-8[unix] ➤ 9% ↴ 1: 1

vim (vim) ..otion Deckset (zsh)

fastfile

```
lane :test do
  xctest( destination: "name=iPad 2" )
end
```



actions ➔ ls

```
README.md
actions_helper.rb
add_git_tag.rb
appetize.rb
appledoc.rb
appstore.rb
artifactory.rb
backup_file.rb
backup_xcarchive.rb
bundle_install.rb
carthage.rb
cert.rb
chatwork.rb
clean_build_artifacts.rb
clean_cocoapods_cache.rb
clear_derived_data.rb
clipboard.rb
cocoapods.rb
commit_version_bump.rb
copy_artifacts.rb
crashlytics.rb
create_keychain.rb
debug.rb
default_platform.rb
delete_keychain.rb
deliver.rb
deploygate.rb
dotgpg_environment.rb
download.rb
```

actions ➔ █

```
dsym_zip.rb
ensure_git_branch.rb
ensure_git_status_clean.rb
ensure_no_debug_code.rb
fastlane_version.rb
frameit.rb
gcovr.rb
get_build_number.rb
get_github_release.rb
get_info_plist_value.rb
get_version_number.rb
git_branch.rb
git_commit.rb
git_pull.rb
gradle.rb
gym.rb
hg_add_tag.rb
hg_commit_version.rb
hg_ensure_clean_tags.rb
hg_push.rb
hipchat.rb
hockey.rb
import.rb
import_certificate.rb
import_from_github.rb
increment_build_number.rb
increment_version_number.rb
install_xcode_plugin.rb
ipa.rb
is_ci.rb
lane_context.rb
last_git_tag.rb
lcov.rb
mailgun.rb
nexus_upload.rb
notification.rb
notify.rb
oclint.rb
opt_out_usage.rb
pem.rb
pilot.rb
pod_push.rb
produce.rb
prompt.rb
push_git_tags.rb
push_to_git_remote.rb
plists.rb
read_iphoneos.rb
register_devices.rb
reset_git_repo.rb
resign.rb
restore_file.rb
s3.rb
say.rb
scan.rb
set_build_number_repository.rb
set_changelog.rb
set_github_release.rb
set_info_plist_value.rb
sigh.rb
slack.rb
slather.rb
snapshot.rb
splunkmint.rb
supply.rb
team_id.rb
team_name.rb
testflight.rb
testmunk.rb
typetalk.rb
unlock_keychain.rb
update_app_group_identifiers.rb
update_fastlane.rb
update_info_plist.rb
update_project_code_signing.rb
update_project_provisioning.rb
verify_pods_keys.rb
verify_xcode.rb
version_bump_podspec.rb
version_get_podspec.rb
xcode_install.rb
xcode_select.rb
xcode_server_get_assets.rb
xcodebuild.rb
xctool.rb
```

fastlane actions

actions ➤ ls

```

README.md
actions_helper.rb
add_git_tag.rb
appetize.rb
appledoc.rb
appstore.rb
artifactory.rb
backup_file.rb
backup_xcarchive.rb
bundle_install.rb
carthage.rb
cert.rb
chatwork.rb
clean_build_artifacts.rb
clean_cocoapods_cache.rb
clear_derived_data.rb
clipboard.rb
cocoapods.rb
commit_version_bump.rb
copy_artifacts.rb
crashlytics.rb
create_keychain.rb
debug.rb
default_platform.rb
delete_keychain.rb
deliver.rb
deploygate.rb
dotgpg_environment.rb
download.rb

```

actions ➤ █

```

dsym_zip.rb
ensure_git_branch.rb
ensure_git_status_clean.rb
ensure_no_debug_code.rb
fastlane_version.rb
frameit.rb
gcovr.rb
get_build_number.rb
get_github_release.rb
get_info_plist_value.rb
get_version_number.rb
git_branch.rb
git_commit.rb
git_pull.rb
gradle.rb
gym.rb
hg_add_tag.rb
hg_commit_version_bump.rb
hg_ensure_clean_status.rb
hg_push.rb
hipchat.rb
hockey.rb
import.rb
import_certificate.rb
import_from_git.rb
increment_build_number.rb
increment_version_number.rb
install_xcode_plugin.rb
ipa.rb
is_ci.rb
lane_context.rb
last_git_tag.rb
lcov.rb
mailgun.rb
nexus_upload.rb
notification.rb
notify.rb
oclint.rb
opt_out_usage.rb
pem.rb
pilot.rb
pod_push.rb
produce.rb
prompt.rb
push_git_tags.rb
push_to_git_remote.rb
puts.rb
read_pods.rb
register_devices.rb
reset_git_repo.rb
resign.rb
restore_file.rb
s3.rb
say.rb
scan.rb
set_build_number_repository.rb
set_changelog.rb
set_github_release.rb
set_info_plist_value.rb
sigh.rb
slack.rb
slather.rb
snapshot.rb
splunkmint.rb
supply.rb
team_id.rb
team_name.rb
testflight.rb
testmunk.rb
typetalk.rb
unlock_keychain.rb
update_app_group_identifiers.rb
update_fastlane.rb
update_info.plist.rb
update_project_code_signing.rb
update_project_provisioning.rb
verify_pods_keys.rb
verify_xcode.rb
version_bump_pods.rb
version_get_pods.rb
xcode_install.rb
xcode_select.rb
xcode_server_get_assets.rb
xcodebuild.rb
xctool.rb

```

Total 120 actions*

- <https://github.com/fastlane/fastlane/blob/master/docs/Actions.md>
- <https://github.com/fastlane/fastlane/tree/master/lib/fastlane/actions>

* last visit 27/11/2015



KrauseFx Fixed tests on Travis

1 contributor

43 lines (34 sloc) | 870 Bytes

```
1 module Fastlane
2   module Actions
3     class SwiftlintAction < Action
4       def self.run(params)
5         if `which swiftlint`.to_s.length == 0 and !Helper.test?
6           raise "You have to install swiftlint using `brew install swiftlint`".
7             red
8           end
9           Actions.sh("swiftlint")
10          end
11
12 #####
13 # @group Documentation
14 #####
15
16 def self.description
17   "Run swift code validation using SwiftLint"
18 end
19
20 def self.details
21 end
22
23 def self.available_options
24   [
25   ]
26 end
27
28 def self.output
29 end
30
31 def self.return_value
32 end
33
34 def self.authors
35   ["KrauseFx"]
36 end
37
38 def self.is_supported?(platform)
39   [:ios, :mac].include?(platform)
40 end
41 end
42 end
```

codemotion2015 > ⌘ master > fastlane action crashlytics

Loading documentation for crashlytics:

```
+-----+  
|       crashlytics      |  
+-----+  
| Upload a new build to Crashlytics Beta |  
|  
| Created by KrauseFx, pedrogimenez    |  
+-----+
```

```
+-----+  
|                               crashlytics                         |  
+-----+  
| Key          | Description                                         | Env Var   |  
+-----+  
| ipa_path     | Path to your IPA file. Optional if you use the `gym` or `xcodebuild` action | CRASHLYTICS_IPA_PATH |  
| apk_path     | Path to your APK file                                         | CRASHLYTICS_APK_PATH |  
| crashlytics_path | Path to the submit binary in the Crashlytics bundle (iOS) or `crashlytics-devtools.jar` file (Android) | CRASHLYTICS_FRAMEWORK_PATH |  
| * api_token   | Crashlytics Beta API Token                                         | CRASHLYTICS_API_TOKEN |  
| * build_secret | Crashlytics Build Secret                                         | CRASHLYTICS_BUILD_SECRET |  
| notes_path    | Path to the release notes                                         | CRASHLYTICS_NOTES_PATH |  
| notes          | Release notes file - uses :notes: parameter under the root | CRASHLYTICS_NOTES |  
| groups        | The group used for distribution, separated by commas           | CRASHLYTICS_GROUPS |  
| emails         | Crashlytics addresses of testers, separated by commas           | CRASHLYTICS_EMAILS |  
| * notifications | Crashlytics notifications configuration, optional, use default values | CRASHLYTICS_NOTIFICATIONS |  
| * debug        | Crashlytics debug option (true/false)                            | CRASHLYTICS_DEBUG |  
+-----+
```

4 of the available parameters are required
They are marked with an asterisk

Example: crashlytics fastlane action crashlytics

More information can be found on <https://github.com/KrauseFx/fastlane/blob/master/docs/Actions.md>

codemotion2015 > ⌘ master >

codemotion2015 ➜ ⌂ master ➜ fastlane action crashlytics

Loading documentation for crashlytics:

```
+-----+
|       crashlytics      |
+-----+
| Upload a new build to Crashlytics Beta |
|
| Created by KrauseFx, pedrogimenez        |
+-----+
```

crashlytics		
Key	Description	Env Var
ipa_path	Path to your IPA file. Optional if you use the `gym` or `xcodebuild` action	CRASHLYTICS_IPA_PATH
apk_path	Path to your APK file	CRASHLYTICS_APK_PATH
crashlytics_path	Path to the submit binary in the Crashlytics bundle (iOS) or `crashlytics-devtools.jar` file (Android)	CRASHLYTICS_FRAMEWORK_PATH
* api_token	Crashlytics Beta API Token	CRASHLYTICS_API_TOKEN
* build_secret	Crashlytics Build Secret	CRASHLYTICS_BUILD_SECRET
notes_path	Path to the release notes	CRASHLYTICS_NOTES_PATH
notes	The release notes as string - uses :notes_path under the hood	CRASHLYTICS_NOTES
groups	The groups used for distribution, separated by commas	CRASHLYTICS_GROUPS
emails	Pass email addresses of testers, separated by commas	CRASHLYTICS_EMAILS
* notifications	Crashlytics notification option (true/false) (default: 'true')	CRASHLYTICS_NOTIFICATIONS
* debug	Crashlytics debug option (true/false)	CRASHLYTICS_DEBUG

4 of the available parameters are required

They are marked with an asterisk *

More information can be found on <https://github.com/KrauseFx/fastlane/blob/master/docs/Actions.md>

codemotion2015 ➜ ⌂ master ➜

Example crashlytics

```
lane :crashlytics do
  ipa( configuration: "Crashlytics" )
  crashlytics({
    ipa_path: Actions.lane_context[Actions::SharedValues::IPA_OUTPUT_PATH],
    groups: "Ticketea",
    notifications: "YES",
    notes_path: "./fastlane/crashlytics.txt"
  })
  slack({
    message: "Nueva versión de prueba de Box Office",
    channel: "@javiche",
    default_payloads: []
  })
end
```

```
fastlane_version "1.41.1"

default_platform :ios

platform :ios do
  desc "Create app on iTunes Connect"
  lane :create_app do
    # be carefull with produce action, because apps created can't be deleted
    # from iTunes Connect (thanks Apple)
    produce(
      app_identifier: 'me.maroto.codemotion20152',
      app_name: 'prueba codemotion',
      language: 'Spanish',
      app_version: '1.0',
      sku: 'CODE20155', # if SKU is not specified, it will use a random one
    )
  end

  desc "Update certificates and use it on provisioning profiles"
  lane :update_certs do
    cert
    sigh(force: true)
  end

  ...
end
```

<https://github.com/patoroco/fastlane-talk/blob/master/fastlane/Fastfile>

```
codemotion2015 ➜ master ➔ fastlane lanes
[23:43:42]: -----
[23:43:42]: --- Step: Verifying required fastlane version ---
[23:43:42]: -----
[23:43:42]: fastlane version valid
[23:43:42]: -----
[23:43:42]: --- Step: default_platform ---
[23:43:42]: -----
```

----- ios-----

```
----- fastlane ios create_app
Create app on iTunes Connect
```

----- fastlane ios update_certs

```
Update certificates and use it on provisioning profiles
```

----- fastlane ios enable_push

```
Enable push if is needed
```

----- fastlane ios ipa_debug

```
Create an ipa with Debug configuration
```

----- fastlane ios ipa_release

```
Create an ipa with Release configuration
```

----- fastlane ios generate_snapshots

----- fastlane ios xctest

```
Runs test with xctest
```

----- fastlane ios scan

```
Runs test with scan
```

----- fastlane ios say_hello

```
Dummy lane which says hello
```

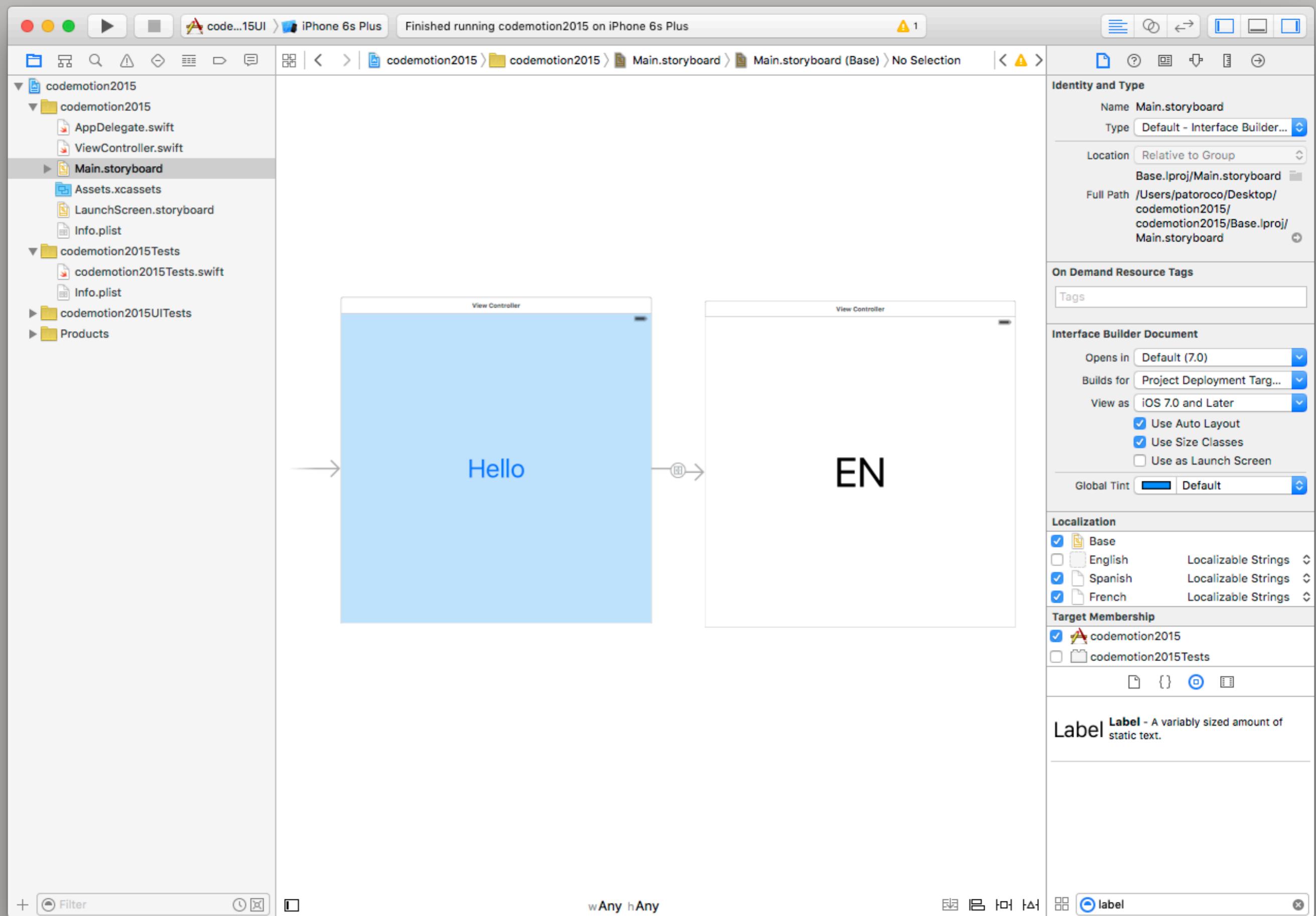
----- fastlane ios lint

```
Perform swiftlint
```

Execute using `fastlane [lane_name]`

```
codemotion2015 ➜ master ➔
```

full flow





produce

```
codemotion2015 ➜ master ➔ produce create --username jorge.maroto@ticketea.com
[19:05:21]: To not be asked about this value, you can specify it using 'app_identifier'
App Identifier (Bundle ID, e.g. com.krausefx.app): me.maroto.codemotion2015
[19:05:32]: To not be asked about this value, you can specify it using 'app_name'
App Name: prueba codemotion
[19:05:47]: Creating new app 'prueba codemotion' on the Apple Dev Center
[19:05:49]: Created app 37GE45PAAF
[19:05:50]: Finished creating new app 'prueba codemotion' on the Dev Center
[19:06:01]: Creating new app 'prueba codemotion' on iTunes Connect
[19:06:01]: To not be asked about this value, you can specify it using 'app_version'
Initial version number (e.g. '1.0'): 1.0
[19:06:09]: Successfully created new app 'prueba codemotion' on iTunes Connect with ID 1062031162
1062031162
```

```
codemotion2015 ➜ master ➔ █
```

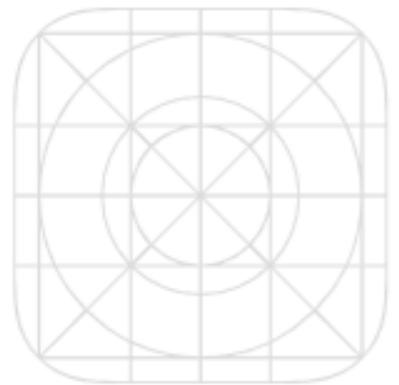
```
codemotion2015 ⚡ master ➔ export PRODUCE_USERNAME=jorge.maroto@ticketea.com
codemotion2015 ⚡ master ➔ export PRODUCE_APP_IDENTIFIER=me.maroto.codemotion2015
codemotion2015 ⚡ master ➔ produce create
[19:20:06]: [DevCenter] App 'me.maroto.codemotion2015' already exists, nothing to do on the Dev Center
[19:20:08]: [iTCA] App 'me.maroto.codemotion2015' already exists (1062031162), nothing to do on iTunes Connect
1062031162
```

iTunes Connect My Apps ▾



...

Search



prueba codemotion

● iOS 1.0 Prepare for Submi...



Box Office

● iOS 2.7.0 Pending Develop..



ticketea
CheckPoint

● iOS 1.2.4 Ready for Sale



App Store

Features

TestFlight

Activity

APP STORE INFORMATION

App Information

Pricing and Availability

iOS APP

● 1.0 Prepare for Submissi...

⊕ VERSION OR PLATFORM

App Information

This information is used for all platforms of this app. Any changes will be released with your next app version.

[Save](#)

Localizable Information

English (U.S.)

Name

prueba codemotion

Privacy Policy URL

http://example.com (optional)

General Information

Bundle ID

[Register a new bundle ID.](#)

prueba codemotion - me.maroto.code

Primary Language

English (U.S.)

Your Bundle ID me.maroto.codemotion2015

SKU

1448388319

Category

Primary

Apple ID

1062031162

License Agreement [Edit](#)[Apple's Standard License Agreement](#)

Rating

No Rating

Additional Information

[View on App Store](#)

enable_services

Usage: produce enable_services -a APP_IDENTIFIER SERVICE1, SERVICE2, ...

Enable specific Application Services for a specific app on the Apple Developer Portal

Examples:

```
# Enable HealthKit, HomeKit and Passbook
produce enable_services -a com.example.app --healthkit --homekit --passbook
```

Options:

--app-group	Enable App Groups
--associated-domains	Enable Associated Domains
--data-protection STRING	Enable Data Protection, suitable values are "complete", "unlessopen" and "untilfirstauth"
--healthkit	Enable HealthKit
--homekit	Enable HomeKit
--wireless-conf	Enable Wireless Accessory Configuration
--icloud STRING	Enable iCloud, suitable values are "legacy" and "cloudkit"
--inter-app-audio	Enable Inter-App-Audio
--passbook	Enable Passbook
--push-notification	Enable Push notification (only enables the service, does not configure certificates)
--vpn-conf	Enable VPN Configuration

6 App IDs Total

Name

ID

prueba codemotion

me.maroto.codemotion2015

ID

Name: prueba codemotion

Prefix: 6244G5YADM

ID: me.maroto.codemotion2015

Application Services:

Service	Development	Distribution
App Group	<input type="radio"/> Disabled	<input type="radio"/> Disabled
Associated Domains	<input type="radio"/> Disabled	<input type="radio"/> Disabled
Data Protection	<input type="radio"/> Disabled	<input type="radio"/> Disabled
Game Center	<input checked="" type="radio"/> Enabled	<input checked="" type="radio"/> Enabled
HealthKit	<input type="radio"/> Disabled	<input type="radio"/> Disabled
HomeKit	<input type="radio"/> Disabled	<input type="radio"/> Disabled
Wireless Accessory Configuration	<input type="radio"/> Disabled	<input type="radio"/> Disabled
iCloud	<input type="radio"/> Disabled	<input type="radio"/> Disabled
In-App Purchase	<input checked="" type="radio"/> Enabled	<input checked="" type="radio"/> Enabled
Inter-App Audio	<input type="radio"/> Disabled	<input type="radio"/> Disabled
Apple Pay	<input type="radio"/> Disabled	<input type="radio"/> Disabled
Wallet	<input type="radio"/> Disabled	<input type="radio"/> Disabled
Push Notifications	<input type="radio"/> Configurable	<input type="radio"/> Configurable
VPN Configuration & Control	<input type="radio"/> Disabled	<input type="radio"/> Disabled

Edit

```
codemotion2015 ➜ master ➜ fastlane actions produce
```

```
Loading documentation for produce:
```

```
+-----+  
|          produce |  
+-----+  
| Creates the given application on iTC and the Dev Portal if necessary |  
|  
| Created by KrauseFx |  
+-----+
```

```
+-----+  
|          produce |  
+-----+  
| Key           | Description | Env Var |  
+-----+  
| * username     | Your Apple ID Username (default: 'jorge.maroto@ticketea.com') | PRODUCE_USERNAME |  
| * app_identifier | App Identifier (Bundle ID, e.g. com.krausefx.app) (default: 'me.maroto.codemotion2015') | PRODUCE_APP_IDENTIFIER |  
| * bundle_identifier_suffix | App Identifier Suffix (Ignored if App Identifier does not ends with .*) | PRODUCE_APP_IDENTIFIER_SUFFIX |  
| * app_name      | App Name | PRODUCE_APP_NAME |  
| * app_version   | Initial version number (e.g. '1.0') | PRODUCE_VERSION |  
| * sku           | SKU Number (e.g. '1234') (default: '1448391642') | PRODUCE_SKU |  
| * language       | Primary Language (e.g. 'English', 'German') (default: 'English') | PRODUCE_LANGUAGE |  
| company_name    | The name of your company. Only required if it's the first app you create | PRODUCE_COMPANY_NAME |  
| * skip_itc       | Skip the creation of the app on iTunes Connect | PRODUCE_SKIP_ITC |  
| * skip_devcenter | Skip the creation of the app on the Apple Developer Portal | PRODUCE_SKIP_DEVCENTER |  
| team_id          | The ID of your team if you're in multiple teams | PRODUCE_TEAM_ID |  
| team_name        | The name of your team if you're in multiple teams | PRODUCE_TEAM_NAME |  
+-----+
```

9 of the available parameters are required

They are marked with an asterisk *

```
+-----+  
|          produce | Output Variables |  
+-----+  
| Key           | Description |  
+-----+  
| PRODUCE_APPLE_ID | The Apple ID of the newly created app. You probably need it for `deliver` |  
+-----+
```

Access the output values using `lane_context[SharedValues::VARIABLE_NAME]`

More information can be found on <https://github.com/KrauseFx/fastlane/blob/master/docs/Actions.md>

Fastfile

```
lane :create_app do
  # be carefull with produce action, because apps created
  # can't be deleted from iTunes Connect (thanks Apple)

  produce(
    app_identifier: 'me.maroto.codemotion20152',
    app_name: 'prueba codemotion',
    language: 'Spanish',
    app_version: '1.0',
    sku: 'CODE20155',
  ) # if SKU is not specified, it will use a random one
end
```

sigh

Cert

pem

The crash report has been stored locally at /tmp/Server_5ab971c1d587f51e55555571a1a07.json

x codemotion2015 ⚡ master ➔ pem

Summary		
development	false	
generate_p12	true	
force	false	
save_private_key	true	
app_identifier	me.maroto.codemotion2015	
username	jorge.maroto@ticketea.com	
output_path	.	

[20:36:29]: Starting login with user 'jorge.maroto@ticketea.com'

[20:36:32]: Successfully logged in

[20:36:33]: Creating a new push certificate for app 'me.maroto.codemotion2015'.

[20:36:37]: Private key: /Users/patoroco/Desktop/codemotion2015/production_me.maroto.codemotion2015.pkey

[20:36:37]: p12 certificate: /Users/patoroco/Desktop/codemotion2015/production_me.maroto.codemotion2015.p12

[20:36:37]: PEM: /Users/patoroco/Desktop/codemotion2015/production_me.maroto.codemotion2015.pem

```
codemotion2015 ➜ ✘ master • cert
```

Summary for cert 1.2.3	
development	false
force	false
username	jorge.maroto@ticketea.com
output_path	.

[20:31:45]: Starting login with user 'jorge.maroto@ticketea.com'

[20:31:53]: Successfully logged in

[20:31:56]: Found the certificate AEB26NM725 (Ticketea Sociedad Limitada) which is installed on the local machine. Using this one.

Fastfile

```
desc "Update certificates and use it on provisioning profiles"
lane :update_certs do
  cert
  sigh(force: true)
end

desc "Enable push if is needed"
lane :enable_push do
  pem
  sigh(force:true)
end
```

gym

Gymfile

clean true

silent true

buildlog_path './fastlane/logs/'

output_directory "./fastlane/builds"

Fastfile

```
desc "Create an ipa with Debug configuration"
lane :ipa_debug do
  gym(
    configuration: 'Debug',
    output_name: 'codemotion-debug.ipa'
  )
end

desc "Create an ipa with Release configuration"
lane :ipa_release do
  gym(
    configuration: 'Release',
    output_name: 'codemotion-release.ipa'
  )
end
```

The logo consists of a large blue circle containing a white lowercase 's'. To the right of the circle, the word 'snapshot' is written in a bold, blue, sans-serif font. The 's' in 'snapshot' is capitalized and has a white outline, matching the style of the 's' in the circle.

SnapshotHelper.swift

```
import Foundation
import XCTest

var deviceLanguage = ""

func setLanguage(app: XCUIApplication)
{
    Snapshot.setLanguage(app)
}

func snapshot(name: String, waitForLoadingIndicator: Bool = false)
{
    Snapshot.snapshot(name, waitForLoadingIndicator: waitForLoadingIndicator)
}

@objc class Snapshot: NSObject
{
    class func setLanguage(app: XCUIApplication)
    {
        let path = "/tmp/language.txt"

        do {
            let locale = try NSString(contentsOfFile: path, encoding: NSUTF8StringEncoding) as String
            deviceLanguage = locale.substringToIndex(locale.startIndex.advancedBy(2, limit:locale.endIndex))
            app.launchArguments += ["-AppleLanguages", "(\(deviceLanguage))", "-AppleLocale", "\\""\(locale)\"", "-ui_testing"]
        } catch {
            print("Couldn't detect/set language...")
        }
    }

    class func snapshot(name: String, waitForLoadingIndicator: Bool = false)
    {
        if (waitForLoadingIndicator)
        {
            waitForLoadingIndicatorToDisappear()
        }
        print("snapshot: \(name)") // more information about this, check out https://github.com/krausefx/snapshot

        sleep(1) // Waiting for the animation to be finished (kind of)
        XCUIDevice.sharedDevice().orientation = .Unknown
    }

    class func waitForLoadingIndicatorToDisappear()
    {
        let query = XCUIApplication().statusBars.childrenMatchingType(.Other).elementBoundByIndex(1).childrenMatchingType(.Other)

        while (query.count > 4) {
            sleep(1)
            print("Number of Elements in Status Bar: \(query.count)... waiting for status bar to disappear")
        }
    }
}
```

Snapfile

```
# A list of devices you want to take the screenshots from
devices([
    "iPhone 6",
    "iPhone 6 Plus",
    "iPhone 5",
    "iPhone 4s",
])

languages([
    "en-US",
    "fr-FR",
    "es-ES"
])

# The name of the scheme which contains the UI Tests
scheme "codemotion2015UI"

# Where should the resulting screenshots be stored?
output_directory "./fastlane/screenshots"
```

UITest

```
import XCTest

class codemotion2015UITests: XCTestCase {

    override func setUp() {
        super.setUp()
        let app = XCUIApplication()
        setLanguage(app)
        app.launch()
    }

    func testSnapshot() {
        snapshot("01Main")
        XCUIApplication().buttons.elementBoundByIndex(0).tap()
        snapshot("02Language")
    }
}
```

Fastfile

```
lane :generate_snapshots do
  snapshot(
    clear_previous_screenshots: true,
  )
end
```

A screenshot of a Mac OS X Finder window displaying a file list. The window title is "/Users/patoroco/Desktop/codemotion2015/fastlane/screenshots". The sidebar on the left shows "Favorites" with icons for AirDrop, All My Files, iCloud Drive, Applications, Dropbox, Google Drive, Desktop, Documents, and Downloads. It also shows "Devices" with a Remote Disc icon and "Shared" with a raspberry pi icon. The main pane lists files and folders under the path "/Users/patoroco/Desktop/codemotion2015/fastlane/screenshots". The files are organized by language: en-US, es-ES, and fr-FR. Each language folder contains files for iPhone 4s, iPhone 5, iPhone 6, and iPhone 6 Plus, both Main and Language versions. A screenshots.html file is also present.

Name	Date Modified	Size	Kind
en-US	Today 11:57	--	Folder
iPhone4s-01Main.png	Today 11:57	25 KB	PNG image
iPhone4s-02Language.png	Today 11:57	22 KB	PNG image
iPhone5-01Main.png	Today 11:56	28 KB	PNG image
iPhone5-02Language.png	Today 11:56	25 KB	PNG image
iPhone6-01Main.png	Today 11:52	34 KB	PNG image
iPhone6-02Language.png	Today 11:52	31 KB	PNG image
iPhone6Plus-01Main.png	Today 11:54	78 KB	PNG image
iPhone6Plus-02Language.png	Today 11:54	69 KB	PNG image
es-ES	Today 11:58	--	Folder
iPhone4s-01Main.png	Today 11:58	25 KB	PNG image
iPhone4s-02Language.png	Today 11:58	23 KB	PNG image
iPhone5-01Main.png	Today 11:57	28 KB	PNG image
iPhone5-02Language.png	Today 11:57	26 KB	PNG image
iPhone6-01Main.png	Today 11:54	35 KB	PNG image
iPhone6-02Language.png	Today 11:54	32 KB	PNG image
iPhone6Plus-01Main.png	Today 11:55	76 KB	PNG image
iPhone6Plus-02Language.png	Today 11:55	70 KB	PNG image
fr-FR	Today 11:58	--	Folder
iPhone4s-01Main.png	Today 11:58	27 KB	PNG image
iPhone4s-02Language.png	Today 11:58	22 KB	PNG image
iPhone5-01Main.png	Today 11:57	30 KB	PNG image
iPhone5-02Language.png	Today 11:57	24 KB	PNG image
iPhone6-01Main.png	Today 11:53	37 KB	PNG image
iPhone6-02Language.png	Today 11:53	30 KB	PNG image
iPhone6Plus-01Main.png	Today 11:55	81 KB	PNG image
iPhone6Plus-02Language.png	Today 11:55	68 KB	PNG image
screenshots.html	Today 11:58	19 KB	HTML



\$ frameit

<https://developer.apple.com/app-store/marketing/guidelines>

Main window->English->iPhone 6 Plus



Second window->Spanish->iPhone 5



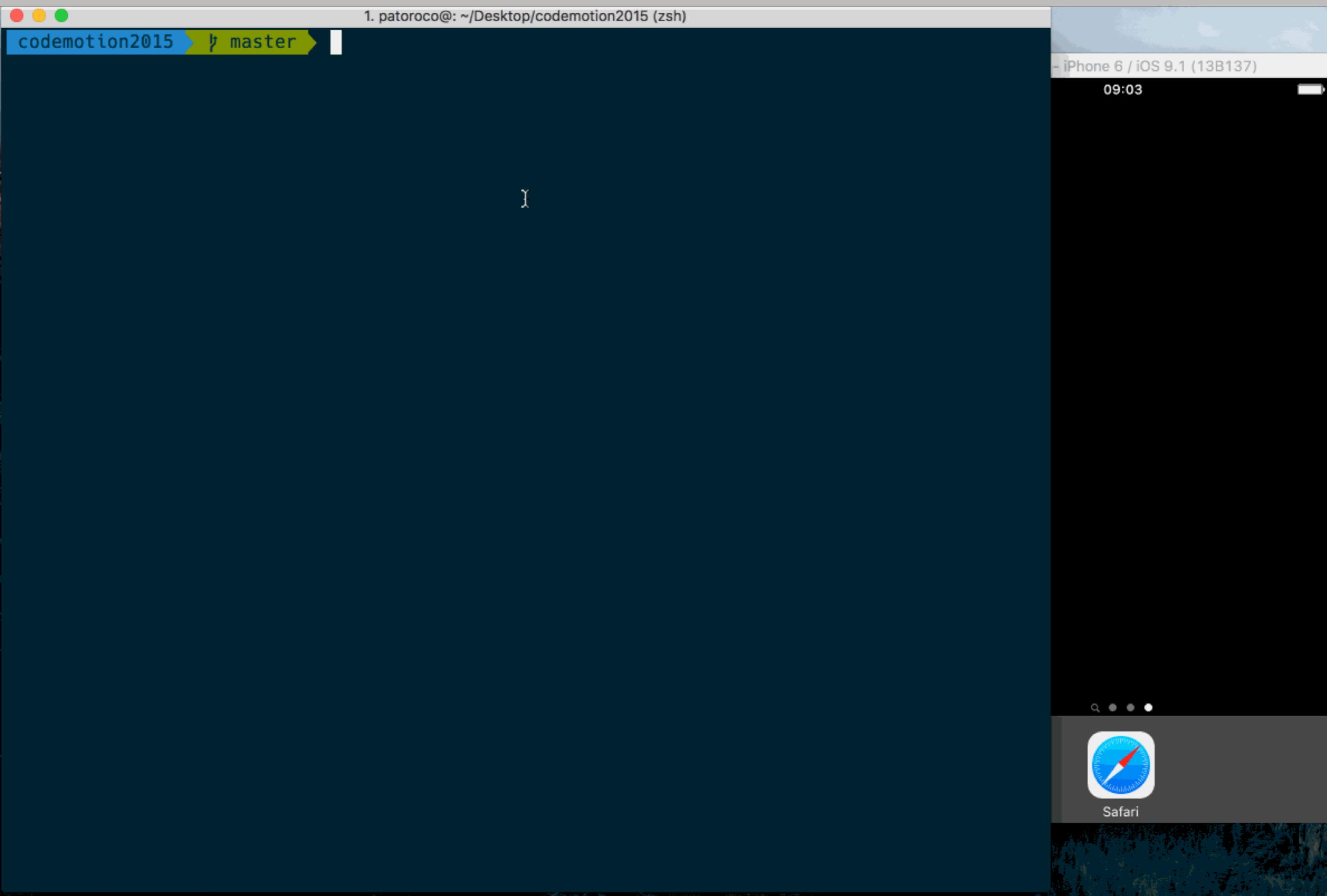
/Users/patoroco/Desktop/codemotion2015/fastlane/screenshots			
		Search	
Favorites	Name	Date Modified	Size
Airdrop	► en-US	Today 01:42	--
All My Files	▼ es-ES	Today 01:42	--
iCloud Drive	iPhone4s-01Main.png	Today 00:44	25 KB
Applications	iPhone4s-02Language.png	Today 00:44	23 KB
Dropbox	iPhone5-01Main_framed.png	Today 01:42	100 KB
Google Drive	iPhone5-01Main.png	Today 00:44	28 KB
Desktop	iPhone5-02Language_framed.png	Today 01:42	101 KB
Documents	iPhone5-02Language.png	Today 00:44	26 KB
Downloads	iPhone6-01Main_framed.png	Today 01:42	118 KB
Devices	iPhone6-01Main.png	Today 00:44	35 KB
Remote Disc	iPhone6-02Language_framed.png	Today 01:42	119 KB
Shared	iPhone6-02Language.png	Today 00:44	32 KB
All...	iPhone6Plus-01Main_framed.png	Today 01:42	110 KB
	iPhone6Plus-01Main.png	Today 00:44	76 KB
	iPhone6Plus-02Language_framed.png	Today 01:42	110 KB
	iPhone6Plus-02Language.png	Today 00:44	70 KB
	► fr-FR	Today 01:42	--
	screenshots.html	Today 00:44	19 KB



Scan

Fastfile

```
desc "Runs test with scan"
lane :scan do
  scan(
    scheme: 'codemotion2015',
    device: 'iPhone 6'
  )
end
```



deliver

```
lane :crashlytics do
  ipa( configuration: "Crashlytics" )

  crashlytics({
    ipa_path: Actions.lane_context[Actions::SharedValues::IPA_OUTPUT_PATH],
    groups: "Ticketea",
    notifications: "YES",
    notes_path: "./fastlane/crashlytics.txt"
  })

  slack({
    message: "Nueva versión de prueba de Box Office #{OLD_VERSION}(#{OLD_BUNDLE}) en Crashlytics.",
    channel: "@javiche",
    default_payloads: []
  })
end
```

```
71 ▼ lane :beta do
72 ▼   slack({
73     message: "Iniciando la subida de la beta de Box Office #{OLD_VERSION}(#{OLD_BUNDLE}) a TestFlight.",
74     channel: SLACK_CHANNEL,
75     default_payloads: [],
76     payload: { 'Build Date' => Time.now.to_s }
77   })
78
79   ipa( configuration: "AppStore" )
80   ENV['IPA_PATH'] = Actions.lane_context[Actions::SharedValues::IPA_OUTPUT_PATH]
81
82   deliver(
83     beta: true
84   )
85
86 ▼   slack({
87     message: "Terminada la subida de la beta de Box Office #{OLD_VERSION}(#{OLD_BUNDLE}) a TestFlight.",
88     channel: SLACK_CHANNEL,
89     default_payloads: [:git_branch, :last_git_commit],
90     payload: { 'Build Date' => Time.now.to_s }
91   })
92
93   clean_build_artifacts
94 end
```

Diego



Pilot

Features

- upload build
- list builds
- manage test users



i: patorocco@i-Desktop:codemotion2015 (2sh)

codemotion2015

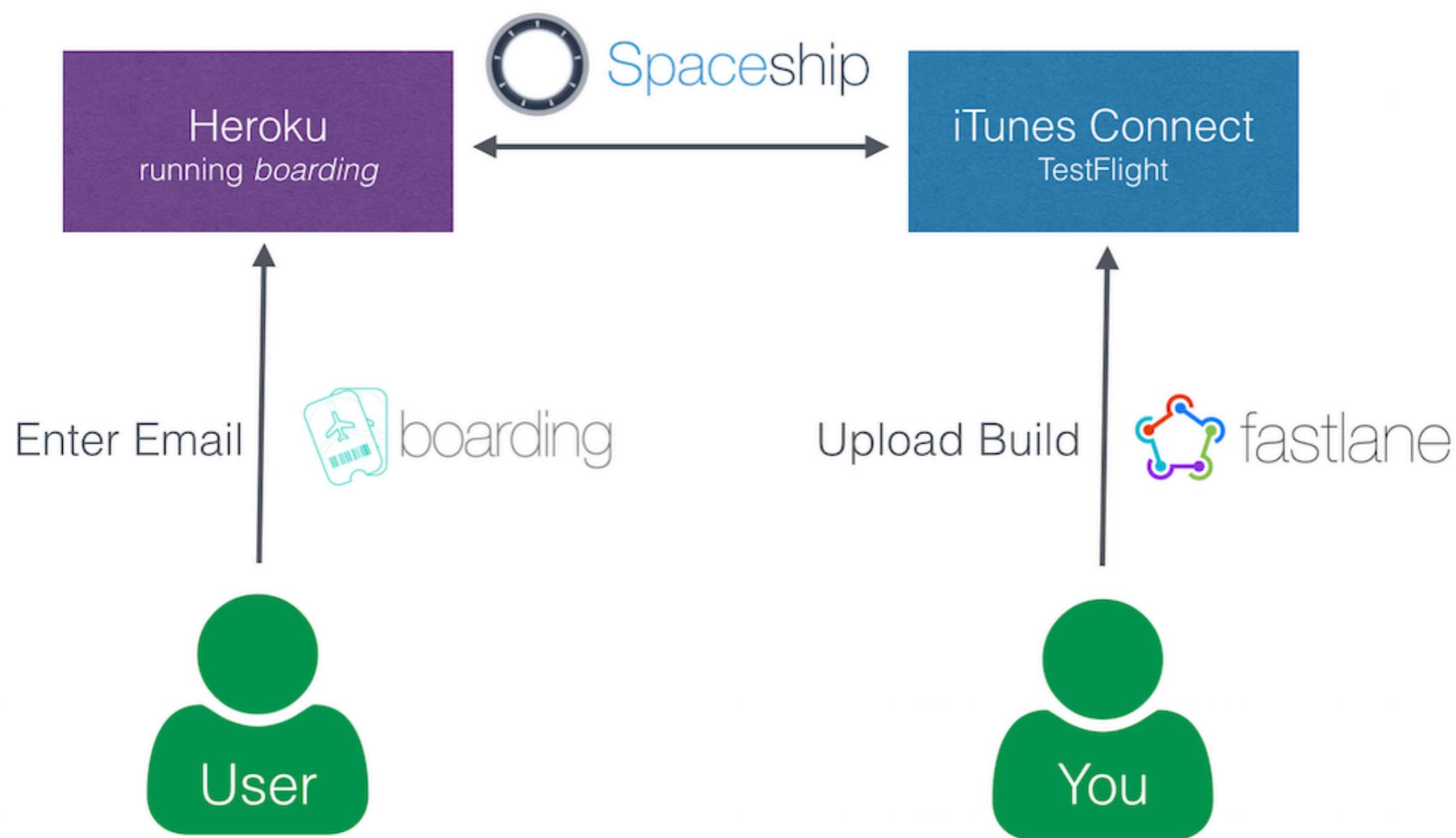
↳ master

]



boarding

How



Getting Started

Assuming you already have a [Heroku](#) account follow those steps:

-  Deploy to Heroku
 - Enter your iTunes Connect credentials and the bundle identifier of your app. This will all be stored on your own Heroku instance as environment variables
 - Click on `View` once the setup is complete and start sharing the URL

boarding does all kinds of magic for you, like fetching the app name and app icon.

Heroku is free to use for the standard machine. If you need a Heroku account, ask your back-end team if you already have a company account.

Security

Supply



Links

- fastlane.tools/
- github.com/fastlane/**
- [github.com/fastlane/fastlane/blob/
master/docs/Actions.md](https://github.com/fastlane/fastlane/blob/master/docs/Actions.md)

Thanks!

Jorge Maroto García
@Patoroco

github.com/patoroco/fastlane-talk

