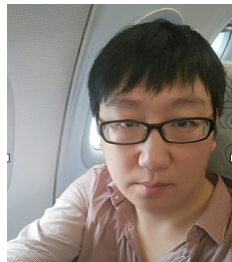


# FASTLANE

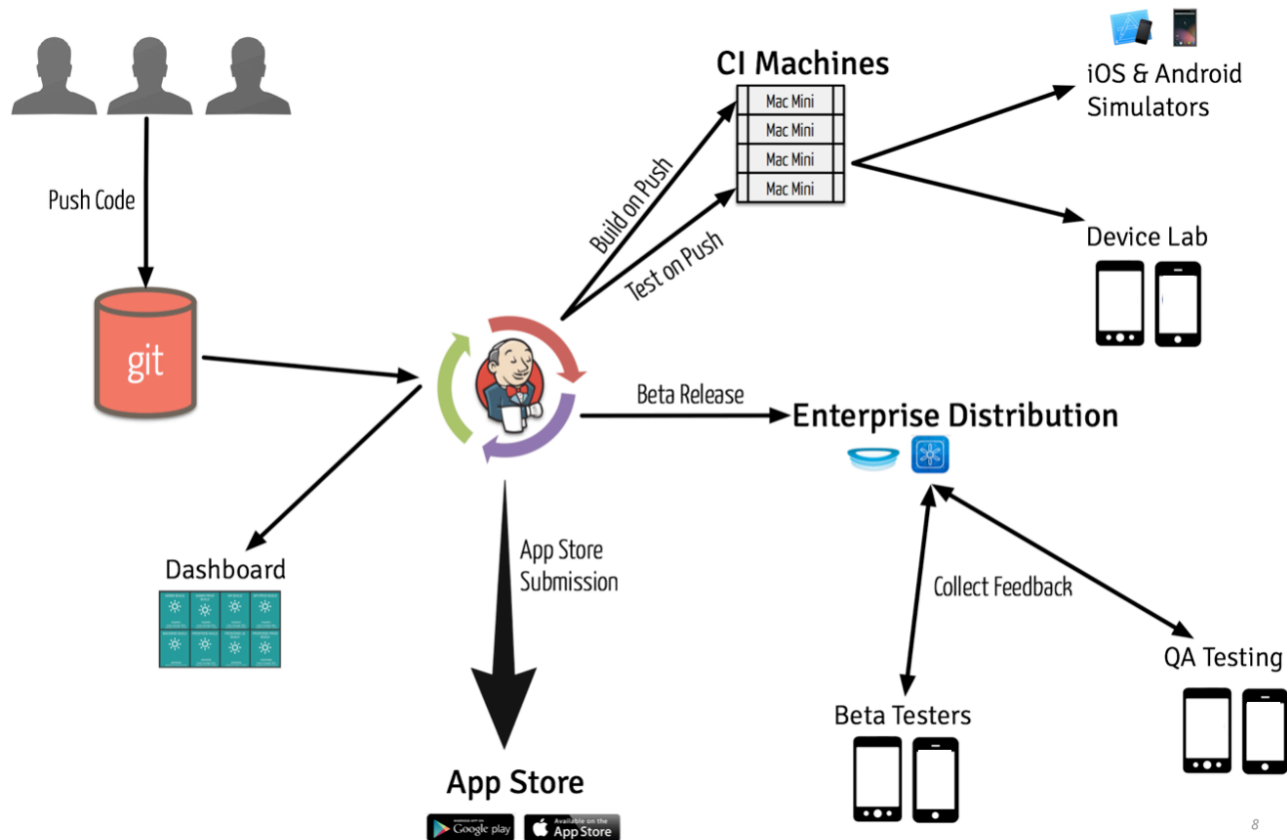
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# WHO AM I



- 周谨强 (@garychow)
- *ThoughtWorks*移动开发高级咨询师

# CLASSIC MOBILE CI PIPELINE



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## WHAT IS FASTLANE

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- *Fastlane is a tool for iOS and Android developers to automate tedious tasks like generating screenshots, dealing with provisioning profiles, and releasing your application.*

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## WHAT IS FASTLANE

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- *Fastlane*是一个可用于*iOS*和*Android*开发的自动化任务工具集。
- 它内置了我们常用的任务，包括生成截图，证书和描述文件的管理，甚至是直接上传*app store*以发布我们的应用程序。

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## EXAMPLE

---

# SHOWCASE

## Lint

---

## EXAMPLE - LINT

---

```
desc "lint the code"
lane :lint do
  swiftlint(
    executable: "#{WORKSPACE_DIR}/Pods/SwiftLint/swiftlint",
    config_file: "#{WORKSPACE_DIR}/.swiftlint.yml"
  )
end
```

---

## EXAMPLE

---

# SHOWCASE

## Build & Upload



---

## EXAMPLE - UPDATE CERTIFICATE & PROVISIONING PROFILE

---

```
match(  
  git_url: 'git@gitlab.com:Jinqiang/certificates.git',  
  git_branch: 'fastlane-demo',  
  type: options[:type] || 'development',  
  app_identifier: ENV['app_identifier'],  
  force: true  
)
```

---

## EXAMPLE - UPDATE BUILD NUMBER

---

```
build_number = `git rev-list --count master`  
increment_build_number(  
  build_number: build_number,  
  xcodeproj: PROJECT  
)
```

## EXAMPLE - BUILD

```
gym(  
  workspace: WORKSPACE,  
  scheme: SCHEME,  
  clean: true,  
  export_method: 'development',  
  output_directory: REPORTS_DIR,  
  configuration: 'Release'  
)
```

---

## EXAMPLE - UPLOAD TO PGYER

---

```
pgyer(  
  api_key: ENV['pgyer_api_key'],  
  user_key: ENV['pgyer_user_key'],  
  update_description: "update by fastlane"  
)
```

---

## EXAMPLE

---

# SHOWCASE

Test & Coverage

---

## EXAMPLE - UNIT TEST

---

```
scan(  
  workspace: WORKSPACE,  
  scheme: SCHEME,  
  derived_data_path: BUILD_DIR,  
  output_directory: REPORTS_DIR,  
  code_coverage: true,  
  configuration: CONFIG  
)
```

---

## EXAMPLE - OUTPUT THE CODE COVERAGE

---

```
slather(  
  build_directory: BUILD_DIR,  
  workspace: WORKSPACE,  
  proj: PROJECT,  
  scheme: SCHEME,  
  output_directory: REPORTS_DIR,  
  html: true,  
  configuration: CONFIG,  
  ignore: ['*ViewController.swift', '*View.swift']  
)
```

---

## EXTEND

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# Action & Plugin



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# Q & A

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Q & A

---

# THANK YOU

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