

INTRO TO FASTLANE

@suprie, iOS Engineer @ KMKlabs (Vidio, BBM)



Apa itu
fastlane?

fastlane lets you automate every aspect
of your development and release
workflow.

fastlane is an open source platform aimed at simplifying Android and iOS deployment.

fastlane is an open source platform aimed at **simplifying** Android and iOS deployment.

Workflow umum pas mau upload ke Testflight?

- Buka xcode
- Pilih scheme dan generic device
- Archive
- Trus upload ke testflight melalui xcode atau application loader

Klo di command line gimana?

```
$ xcodebuild -scheme testProject -destination generic/  
platform=iOS build
```

```
$ xcodebuild -scheme testProject -sdk iphones -  
archivePath ./build/testProject.xcarchive archive
```

Trus k̄lo pake
fastlane gimana?

klo pake fastlane cukup :

```
$ fastlane release_to_testflight
```

Cara install fastlane? \$ brew cask install fastlane

Cara init di project? \$ fastlane init

Fastlane.tools

build → gym

test → scan

beta → pilot

codesign → sigh

Fastlane membutuhkan satu file konfigurasi, namanya fastfile, ada di dalam direktori fastlane

```
lane :release_to_testflight do

  sigh(app_identifier: "com.app", output_path: "Certificates/", filename:
  "com.app.mobileprovision", provisioning_name: "com.app", team_id:
  "FXXXXXXXX")

  cocoapods(repo_update: true)

  gym( configuration: "Release", scheme: "app", workspace:
  "app.xcworkspace", clean: true, output_name:"app.ipa")

  pilot( ipa: "./app.ipa", skip_submission: true,
  skip_waiting_for_build_processing: true, groups: "Internal Tester")

end
```

Fastlane membutuhkan satu file konfigurasi, namanya fastfile, ada di dalam direktori fastlane

```
lane :release_to_testflight do

  sigh(app_identifier: "com.app", output_path: "Certificates/", filename:
  "com.app.mobileprovision", provisioning_name: "com.app", team_id:
  "FXXXXXXXX")

  cocoapods(repo_update: true)

  gym( configuration: "Release", scheme: "app", workspace:
  "app.xcworkspace", clean: true, output_name:"app.ipa")

  pilot( ipa: "./app.ipa", skip_submission: true,
  skip_waiting_for_build_processing: true, groups: "Internal Tester")

end
```

Fastlane membutuhkan satu file konfigurasi, namanya fastfile, ada di dalam direktori fastlane

```
lane :release_to_testflight do

  sigh(app_identifier: "com.app", output_path: "Certificates/", filename:
  "com.app.mobileprovision", provisioning_name: "com.app", team_id:
  "FXXXXXXXX")

  cocoapods(repo_update: true)

  gym( configuration: "Release", scheme: "app", workspace:
  "app.xcworkspace", clean: true, output_name:"app.ipa")

  pilot( ipa: "./app.ipa", skip_submission: true,
  skip_waiting_for_build_processing: true, groups: "Internal Tester")

end
```

Fastlane membutuhkan satu file konfigurasi, namanya fastfile, ada di dalam direktori fastlane

```
lane :release_to_testflight do

  sigh(app_identifier: "com.app", output_path: "Certificates/", filename:
  "com.app.mobileprovision", provisioning_name: "com.app", team_id:
  "FXXXXXXXX")

  cocoapods(repo_update: true)

  gym( configuration: "Release", scheme: "app", workspace:
  "app.xcworkspace", clean: true, output_name:"app.ipa")

  pilot( ipa: "./app.ipa", skip_submission: true,
  skip_waiting_for_build_processing: true, groups: "Internal Tester")

end
```

Fastlane membutuhkan satu file konfigurasi, namanya fastfile, ada di dalam direktori fastlane

```
lane :release_to_testflight do

  sigh(app_identifier: "com.app", output_path: "Certificates/", filename:
  "com.app.mobileprovision", provisioning_name: "com.app", team_id:
  "FXXXXXXXX")

  cocoapods(repo_update: true)

  gym( configuration: "Release", scheme: "app", workspace:
  "app.xcworkspace", clean: true, output_name:"app.ipa")

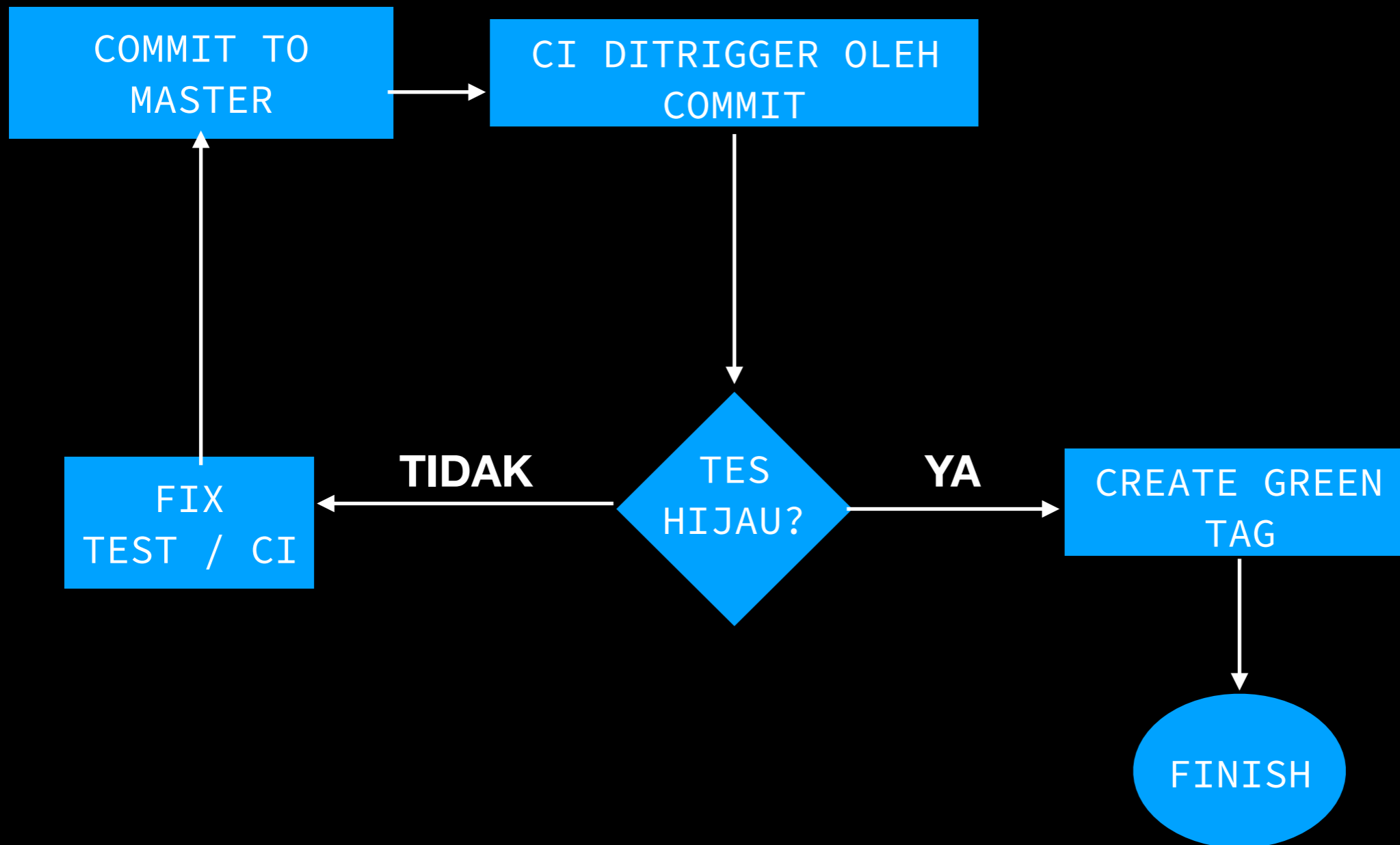
  pilot( ipa: "./app.ipa", skip_submission: true,
  skip_waiting_for_build_processing: true, groups: "Internal Tester")

end
```


Di KMK, dipake buat apa sih?

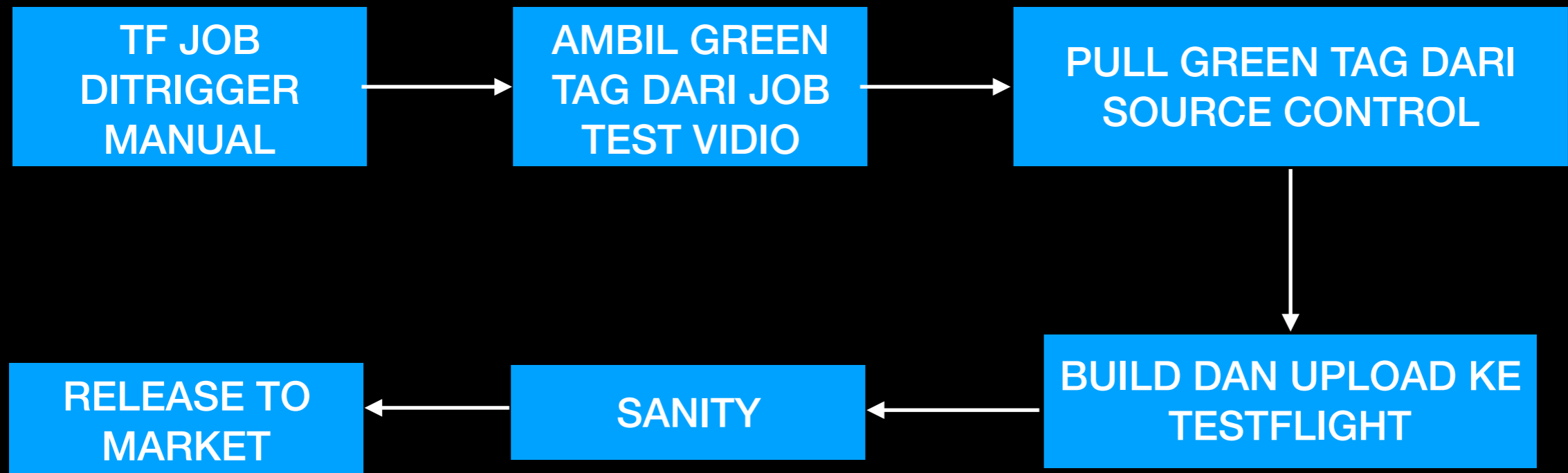
WORKFLOW DI VIDIO





WORKFLOW UNTUK RELEASE





Referensi

- Fastlane docs : <https://docs.fastlane.tools>
- Github: <https://github.com/fastlane/fastlane>
- Samples: <https://github.com/fastlane/examples>

SELESAI

ada pertanyaan? bisa bbm saya.

#BBMme



PIN: bbmnyasuprie

BBM.com

