Macaron Prototype

Target

當一般 app / sdk 專案完成建置後，觸發 Macaron 做整合測試。

There are two types of trigger source.

1. After building new app or sdk
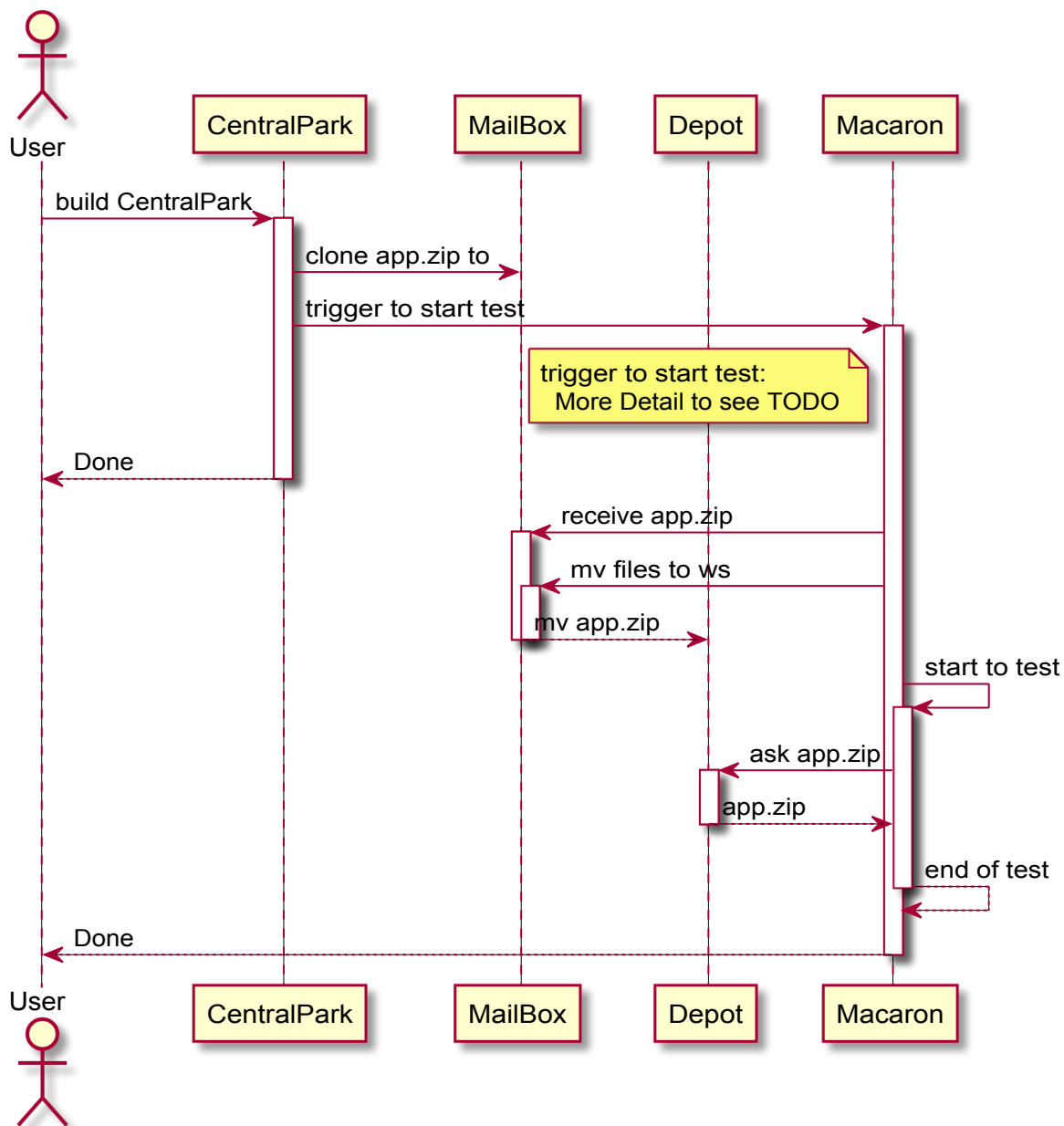2. When Macaron test script has been updated

example

1. Manually build `FakeSDKServerBuilder`
   You can see the `FakeSDKServerBuilder` creates a build and then `MacaronPrototype` also creates a build.
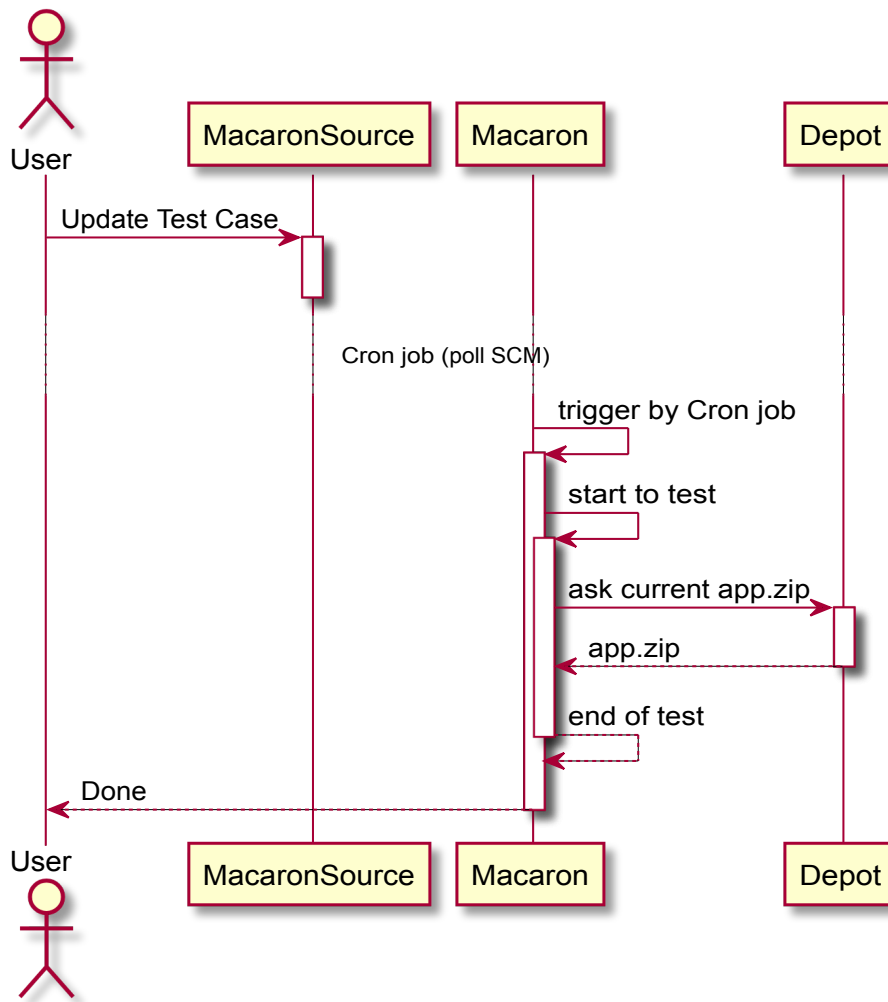
Relation

1. After building new app or sdk

User

CentralPark

MailBox

Depot

Macaron

build CentralPark

clone app.zip to

trigger to start test

trigger to start test:
  More Detail to see TODO

Done

receive app.zip

mv files to ws

mv app.zip

start to test

ask app.zip

app.zip

end of test

Done

User

CentralPark

MailBox

Depot

Macaron

2. When Macaron test script has been updated

How to use

0. Prepare:
    1. (TBD) clone Macaron Repo for specific Project
    2. clone this Jenkinsfile at the root of this repository
    3. modify the content of Jenkinsfile

        ```
        def mailBox = "/Users/jenkins/Documents/SDKServerMailBox"
        def testingBox = "/Users/jenkins/Documents/SDKServerTesting"
        def mailedAppName = "app.zip"
        def tempAppName = "receive.app.zip"
        def testAppName = "current.app.zip"
        ```

    to define the specific value for these 5 variables.

    Warning: the directory needs to be created at first manually.
    4. replace correct shell script at `stage("cooked by Macaron")`
1. create a new Job

1. Enter an item name. e.g. `Macaron_CentralPark`
2. select `Pipeline`
2. select the tab `Pipeline`
    1. Definition: `Pipeline script from SCM`
    2. SCM: `Git`
    3. Repositories.URL: `<the URL of Macaron Project>`
    4. Repositories.Credientials: `<select one of them>`
    5. (option) Branches to build: `<it depends on which specific branch you uses.>`

TODO

`trigger to start test` : 是直接利用 pipeline 的命令去叫 Macaron 起來，未來區要再研究一下怎麼達到 file detect 的 cron job

- 目前第三方的 plug-in 有點太舊了，還需要研究一下用法
- 如果直接利用 Jenkinsfile 做檔案檢查，會導致產生過多只有檢查的 build