

49.07Jun.Application & Servers

Wednesday, June 7, 2023 6:59 PM

1. Spring boot Application
2. OOP
3. Jenkins
 - a. Pull SCM = CORN Job
 - b. Web Hook = GitHub

Spring Boot Application

Language = Java, Groovy, Kotlin

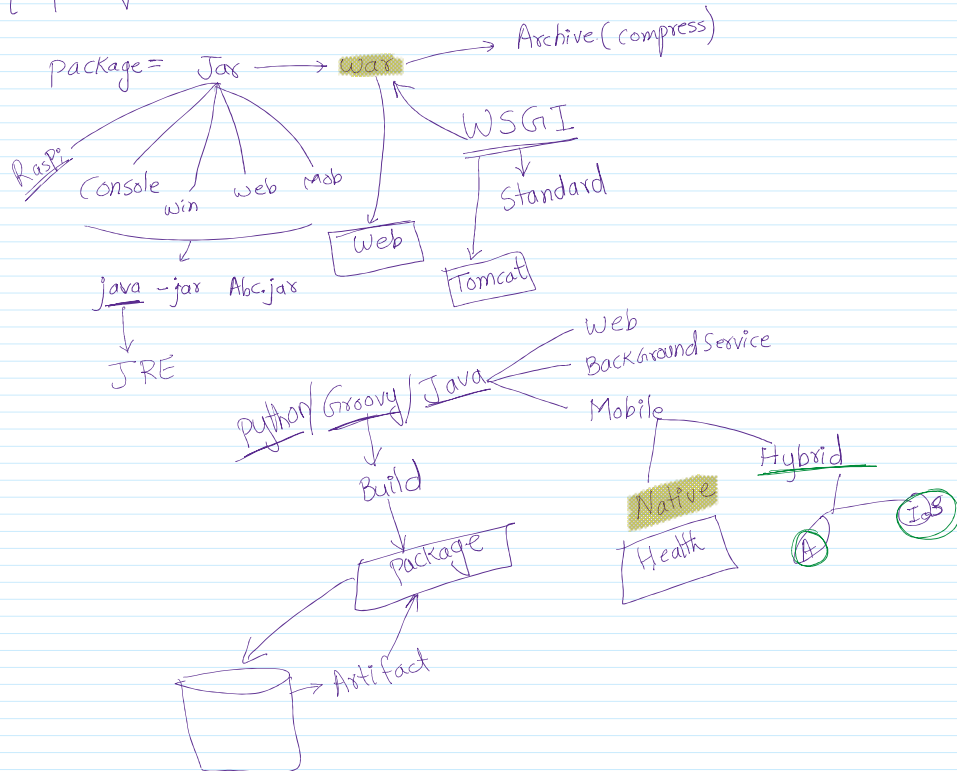
Project (Build) = Maven, Gradle, K.M.

SBFW Version:

3.0.0

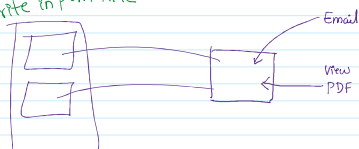
Meta Data:

Name { Group = Solution
Artifact = Project
package → com.SA.LMS

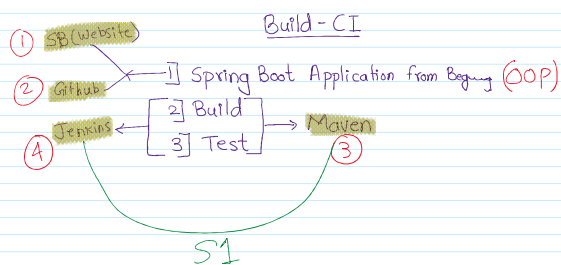
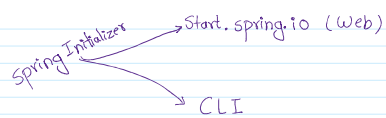


Java: 8 → 11 → 17 → 20
Version

Dependencies → Library
write in pom.xml



Spring Initializer → Start.spring.io (Web)
CIT



```

$ sudo su -

# apt update && apt install openjdk-11-jdk -y

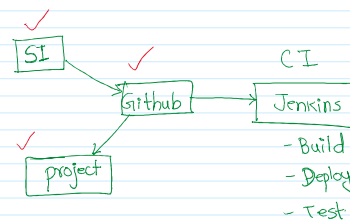
# apt install maven -y

# curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee \
  /usr/share/keyrings/jenkins-keyring.asc > /dev/null

# echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \
  https://pkg.jenkins.io/debian-stable binary/ | sudo tee \
  /etc/apt/sources.list.d/jenkins.list > /dev/null

# apt update

# apt install jenkins -y
  
```



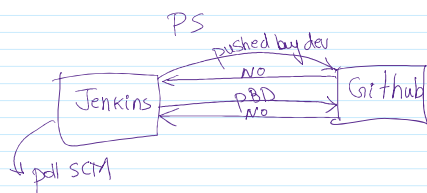
Jenkins (CI)

Poll SCM = Polling requests are made by a client.

Web Hook = Web Hook requests are made by a Server.

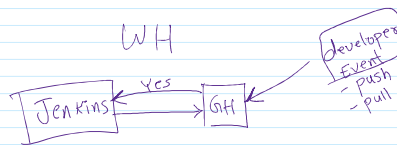
WH = Automatically trigger when event occurs

PS = Fixed intervals runs



H/2 * * * * *

every 2min



http://pub IP:8080/github-webhooks

→ github