


3. maven-project 생성

1. maven 프로젝트 생성


!! 1. jenkins tool 설정이 완료된 상태에서 진행

Enter an item name


» Required field

**Freestyle project**


이것은 Jenkins의 주요 기능입니다. Jenkins은 어느 빌드 시스템과 어떤 SCM(형상관리)으로 묶인 당신의 프로젝트를 빌드할 것이고, 소프트웨어 빌드보다 다른 어떤 것에 자주 사용될 수 있습니다.

**Maven project**


Maven 프로젝트를 빌드합니다. Jenkins은 POM 파일의 이점을 가지고 있고 급격히 설정을 줄입니다.

**Pipeline**


Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

**Multi-configuration project**


다양한 환경에서의 테스트, 플랫폼 특성 빌드, 기타 동등 처럼 다수의 서로다른 환경설정이 필요한 프로젝트에 적합함.

**Folder**

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

**Multibranch Pipeline**

Creates a set of Pipeline projects according to detected branches in one SCM repository.

**Organization Folder**

Creates a set of multibranch project subfolders by scanning for repositories.

OK

2. 간단한 설명 및 소스 관리 설정 추가

General

설명

maven project build

소스 코드 관리

☐ None

☒ Git ?

Repositories ?

Repository URL ?

<https://github.com/joneconsulting/cicd-web-project>

- 소스코드 : <https://github.com/joneconsulting/cicd-web-project>

3. 빌드 설정

Pre Steps

Add pre-build step ▾

Build

Root POM ?

pom.xml

Goals and options ?

clean compile package

고급 ▾

4. 빌드 후 결과물 확인

- 웹에서 확인

Dashboard > maven-project > Workspace

상태

변경사항

작업공간

지금 빌드

구성

Maven project 삭제

Modules

Rename

Workspace of maven-project on Built-In Node

maven-project / target /

classes
generated-sources/annotations
generated-test-sources/test-annotations
hello-world
maven-archiver
maven-status/maven-compiler-plugin
surefire-reports
test-classes/com/njonecompany/web
hello-world.war

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(zip 파일로 압축)

Build History

추이 ▾

Filter builds...

#1

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Atom feed (전체) Atom feed (실패)

- 컨테이너 안에서 확인

```
jenkins@eb0201ac5fe0:~/workspace/maven-project/target$ pwd
/var/jenkins_home/workspace/maven-project/target
jenkins@eb0201ac5fe0:~/workspace/maven-project/target$
jenkins@eb0201ac5fe0:~/workspace/maven-project/target$ ls -al
total 7880
drwxr-xr-x 10 jenkins jenkins 4096 Sep 21 14:23 .
drwxr-xr-x  5 jenkins jenkins 4096 Sep 21 14:23 ..
drwxr-xr-x  3 jenkins jenkins 4096 Sep 21 14:23 classes
drwxr-xr-x  3 jenkins jenkins 4096 Sep 21 14:23 generated-sources
drwxr-xr-x  3 jenkins jenkins 4096 Sep 21 14:23 generated-test-sources
drwxr-xr-x  4 jenkins jenkins 4096 Sep 21 14:23 hello-world
-rw-r--r--  1 jenkins jenkins 8025963 Sep 21 14:23 hello-world.war
drwxr-xr-x  2 jenkins jenkins 4096 Sep 21 14:23 maven-archiver
drwxr-xr-x  3 jenkins jenkins 4096 Sep 21 14:23 maven-status
drwxr-xr-x  2 jenkins jenkins 4096 Sep 21 14:23 surefire-reports
drwxr-xr-x  3 jenkins jenkins 4096 Sep 21 14:23 test-classes
jenkins@eb0201ac5fe0:~/workspace/maven-project/target$
```