

Jenkins

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Jenkins

Jenkins ?

- (Jenkins) (CI : continuous integration)
- .
- Git 가 .
- CI/CD (SpotBugs, ...) 가
-

1.

Jenkins download

Past Releases

Tip : ex) 2.50, 2.100 2.100 . (가)
 Tip : jenkins 2.54 8 .



2.

```
.sh
code
#{jenkins }/log
```

```
#jenkins.sh
#!/bin/bash
JAVA_HOME=#{java }
HTTP_PORT=9090
JENKINS_HOME=#{jenkins }

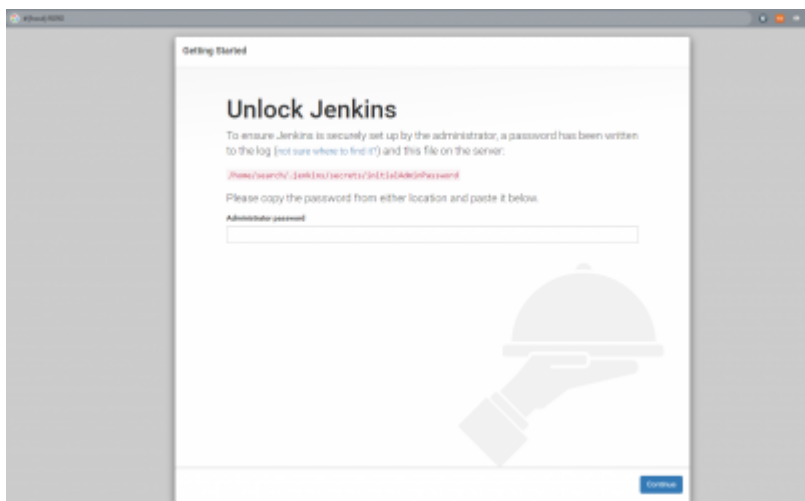
export JAVA_HOME HTTP_PORT

nohup $JAVA_HOME/bin/java -jar $JENKINS_HOME/jenkins.war --
httpPort=$HTTP_PORT --sessionTimeout=120 -XX:+AggressiveOpts >>
./logs/jenkins.log 2>&1 &
```

```
jenkins.sh
port
```

```
[search@localhost jenkins]$ sudo firewall-cmd --zone=public --add-
port=9090/tcp --permanent
success
[search@localhost jenkins]$ sudo firewall-cmd --reload
success
[search@localhost jenkins]$ sudo firewall-cmd --list-ports
22/tcp 3306/tcp 8080/tcp 80/tcp 9090/tcp

[search@localhost jenkins]$ ./jenkins.sh
```



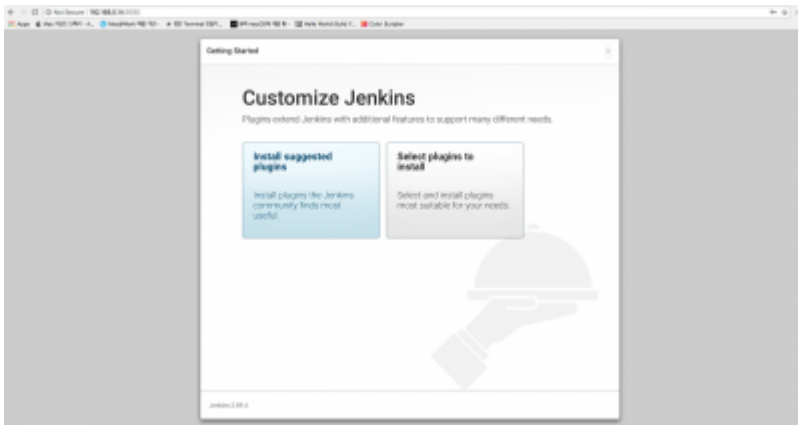
3.

/home/search/.jenkins/secrets/initialAdminPassword 가

search ./jenkins.sh 가 search가 가

```
vi /home/search/.jenkins/secrets/initialAdminPassword
```

Administrator password



suggested

Tip :

false

jenkins

4. (svn + war)



Jenkins >

새로운 Item

사람

빌드 기록

Jenkins 관리

Credentials

Terminal

New View

빌드 대기 목록

빌드 대기 항목이 없습니다.

빌드 실행 상태

1 대기 중

2 대기 중

Item

Enter an Item name

Freestyle project
이것은 Jenkins의 주요 기능입니다. Jenkins은 이 빌드 시스템과 어떤 SCM(항상관리)으로 푸인 당신의 프로젝트를 빌드할 것이고, 스크립트와 빌드보다 다른 어떤 것에 자주 사용할 수 있습니다.

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.

External Job
이 유형의 작업은 원격 장에 있는 Jenkins 프루에서 원격하는 프로세스의 실행을 기록하는 것을 허용합니다. 그렇게 설계되어서, 기존의 자동 시스템의 대안으로서 Jenkins를 사용할 수 있습니다.

Multi-configuration project
다양한 환경에서의 테스트, 릴리스, 구성, 기타 응용 작업. 다수의 서로 다른 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.

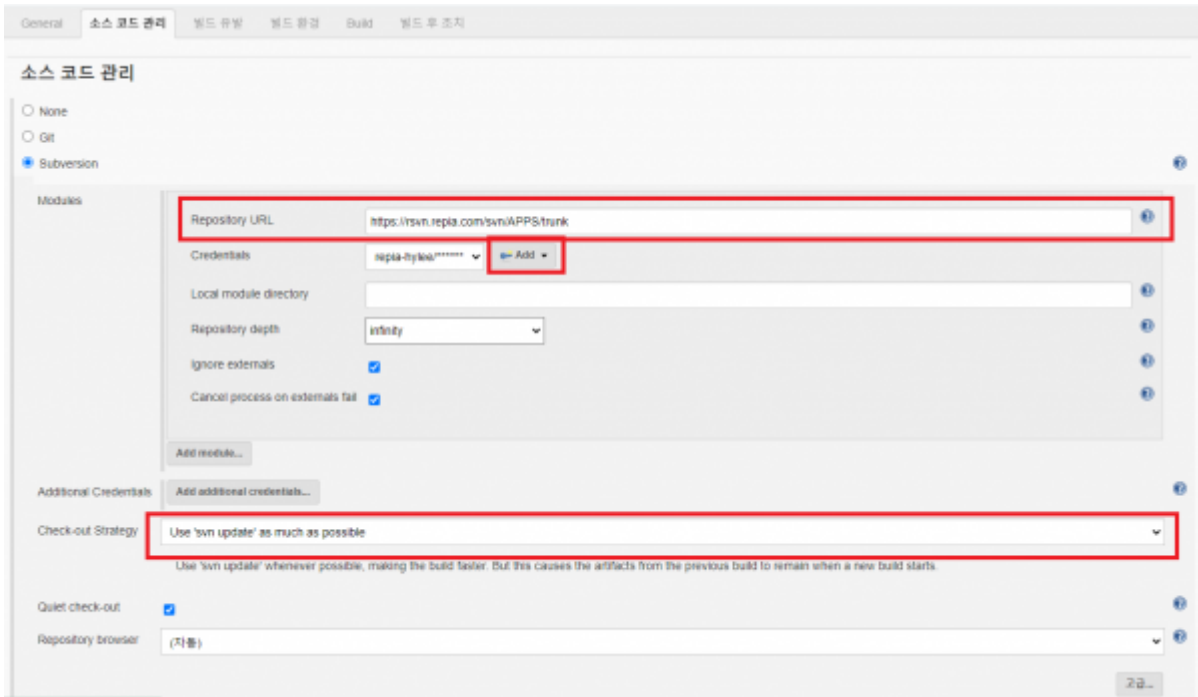
GitHub Organization
Scans a GitHub organization (or user account) for all repositories matching some defined markers.

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

If you want to create a new item from other existing, you can use this option

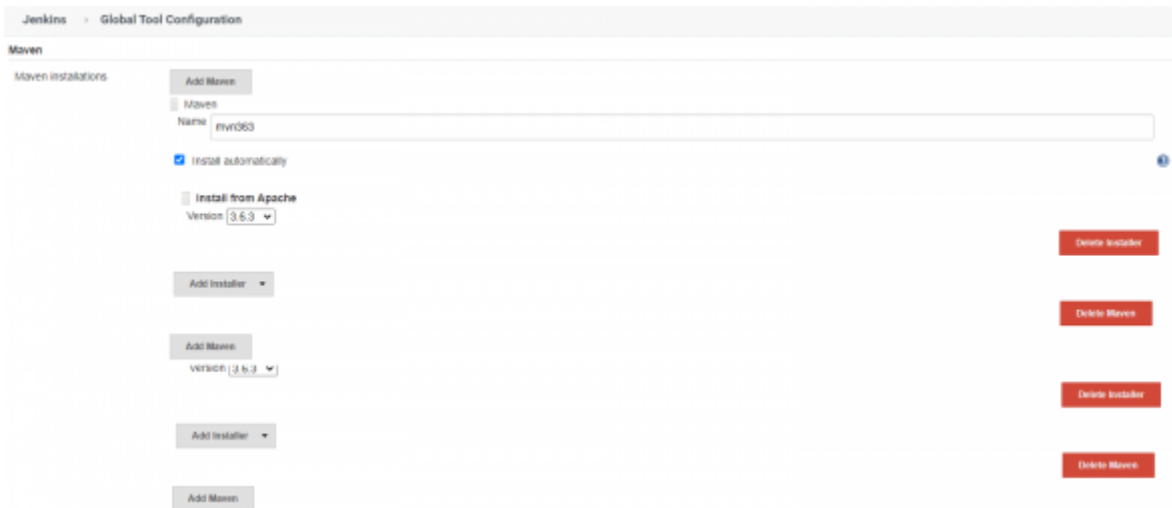
Copy from:

Item name Freestyle project



Credentials Add
 Tip : Repository URL Apps Url (eclips Url) /trunk

Jenkins > Jenkins > Global Tool Configuration 가 maven



Item



Maven Version :
 Goals : clean install

5.

5-1. jenkins

4. Add build step Execute shell Command가

jenkins
.war .sh

5-2. jenkins

5.1 jenkins

Send build artifacts over SSH

Send build artifacts over SSH가 Publish Over SSH Plugin

Plugin 가 Jenkins > 가 SSH Servers가

.(Apps)

SSH Servers

SSH Server

Name: apps.repla.com

Hostname: 192.168.10.117

Username: www

Remote Directory: /NAS_APPS/tomcat-instance/apps.repla.com/webapps/ROOT

Use password authentication, or use a different key

Passphrase / Password: Concealed

Path to key:

Key:

Jump host:

Port: 10202

Timeout (ms): 300000

Disable exec:

Proxy type:

Proxy host:

Item

빌드 후 조치

Send build artifacts over SSH

SSH Publishers

SSH Server

Name: apps.repla.com

Transfers

Transfer Set

Source files: **/*.war

Remove prefix: */target

Remote directory:

Exec command: /NAS_APPS/tomcat-instance/apps.repla.com/deploy/jenkins_deploy.sh apps-1.0.0.war

All of the transfer fields (except for Exec timeout) support substitution of [Jenkins environment variables](#)

Remove prejix :	ROOT	ROOT/trunk/target/apps-1.0.0.war	가	.
Exec command :		bash		.

Tip

Troubleshooting

Ref

- [CentOS 7 Jenkins](#) ::
 - [Jenkins](#) 가
 - [CentOS 6 Jenkins](#) SVN + Spring Maven
 - [CI -](#) (SSH)
 - [\(Jenkins\)](#) (Remote)
 - [Cannot run program "mvn" error=2, No such file or directory](#)
- , jenkins

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