

# [CS304] Practice 12 - CI/CD with Jenkins and Docker

This practice should be checked **onsite during labs**. You could check the practice by week 14. Submissions after week 14 will be considered as late submission.

Task:

- 1. Build a docker image by **Jenkins** ;
- 2. Push to Docker hub by **Jenkins**;
- 3. Run three containers by **Jenkins**, the port are: 8082,8083,8084.

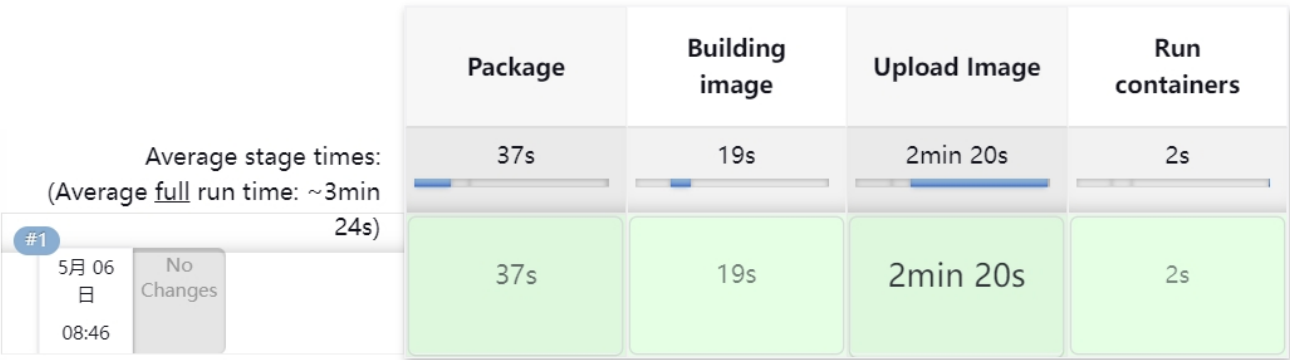


Evaluation:

You should show us:

- 1. your Jenkins running result :

## 阶段视图



- 2. Your docker hub repository:

traccytian / [Repositories](#) / [teedyjenkins](#) / [Tags](#)

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v1.0

Last pushed a few seconds ago by [traccytian](#)

Digest

14e36218abf5

OS/ARCH

linux/amd64

Last pull

---

Compressed Size

628.55 MB

docker pull traccytian/teedyjenkins:v1.0

Copy

3. your three containers:

```
cs304@LAPTOP-H9VR9D4P:~$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
teedy2024_manual     latest             52db56ecc0e4       5 days ago        1.18GB
traccytian/teedy_local v1.0              52db56ecc0e4       5 days ago        1.18GB
traccytian/teedytest2024 latest            ef2b5334c607       5 days ago        1.18GB
ubuntu              latest            bf3dc08bfd0        6 days ago        76.2MB
sismics/docs        latest            d3b3dfb621fb       4 weeks ago       1.04GB
hello-world         latest            d2c94e258dcb       12 months ago     13.3kB

cs304@LAPTOP-H9VR9D4P:~$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
traccytian/teedyjenkins v1.0             fe7948a6a3f9       About a minute ago 1.18GB
teedy2024_manual     latest             52db56ecc0e4       5 days ago        1.18GB
traccytian/teedy_local v1.0              52db56ecc0e4       5 days ago        1.18GB
traccytian/teedytest2024 latest            ef2b5334c607       5 days ago        1.18GB
ubuntu              latest            bf3dc08bfd0        6 days ago        76.2MB
sismics/docs        latest            d3b3dfb621fb       4 weeks ago       1.04GB
hello-world         latest            d2c94e258dcb       12 months ago     13.3kB

cs304@LAPTOP-H9VR9D4P:~$ docker ps
CONTAINER ID   IMAGE                  COMMAND                  CREATED        STATUS        PORTS                                     NAMES
5c4fe7ecd377   traccytian/teedyjenkins:v1.0   "bin/jetty.sh run"      59 seconds ago   Up 57 seconds   0.0.0.0:8083->8080/tcp, :::8083->8080/tcp   jenkins_t
ddb6661dd0a1   traccytian/teedyjenkins:v1.0   "bin/jetty.sh run"      About a minute ago   Up 58 seconds   0.0.0.0:8082->8080/tcp, :::8082->8080/tcp   jenkins_t
b354d0a9c1a1   traccytian/teedyjenkins:v1.0   "bin/jetty.sh run"      About a minute ago   Up 59 seconds   0.0.0.0:8081->8080/tcp, :::8081->8080/tcp   jenkins_t
eedy8081
```

Teedy

localhost:8082/src/#/login?redirectParams=%7B%7D

teedy

用户名

密码

记住我

登录

密码丢失?

Teedy

localhost:8083/src/#/login?redirectParams=%7B%7D

teedy

用户名

密码

记住我

登录

密码丢失?

Teedy

localhost:8084/src/#/login?redirectParams=%7B%7D

teedy

用户名

密码

记住我

登录

密码丢失?