

Docker Container 安裝演練過程

切換為英文模式：

```
teacher@ubuntu:~$ export LANG=C
```

安裝執行 **nginx docker container**, 並進行測試：

```
teacher@ubuntu:~$ docker container run nginx
```

以另一個終端機登入：

```
teacher@ubuntu:~$ docker container ps
```

中斷正在執行的 **nginx docker container**

```
teacher@ubuntu:~$ docker container ps
```

```
teacher@ubuntu:~$ docker container ps -a
```

```
teacher@ubuntu:~$ docker container run -p 8000:80 --name bob nginx
```

```
teacher@ubuntu:~$ docker container ps -a
```

安裝執行 **Docker Web 版管理介面**：

```
teacher@ubuntu:~$ vi run_portainer.sh
```

```
teacher@ubuntu:~$ ls
```

```
get-docker.sh run_portainer.sh
```

```
teacher@ubuntu:~$ chmod +x run_portainer.sh
```

```
teacher@ubuntu:~$ ./run_portainer.sh
```

```
**** setup a portainer container ****
```

**** Ctrl + c to abort ****

Test mode : (Default: **N**)[y/N]

Test mode: No

Image tag : (Default: latest) **1.14.3**

1.14.3

Container name : (Default: auto) **portainer**

--name portainer

Host port : (Default: **9000**)

9000

Data volume path or name : (Default: Auto) **/home/teacher/mydata**

-v /home/teacher/mydata:/data

Restart policy : (Default: **unless-stopped**)[unless-stopped | always]

--restart=unless-stopped

All correct ? (Default: **Y**)[Y/n]**Y**

**** running a portainer container ****

Unable to find image 'portainer/portainer:1.14.3' locally

1.14.3: Pulling from portainer/portainer

0dbfeadd603d: Pull complete

fb3f94ffee16: Pull complete

Digest: sha256:3ba9597e6aa013a6545abfd281da0eb8de3791ae142e226cc3547e26afd2ac3a

Status: Downloaded newer image for portainer/portainer:1.14.3

011ebcd9eb43e0b30577db0dd37ec7f7ce3d55ac3ca862212a47d870b085d0c9

安裝執行 xoops docker Container :

```
teacher@ubuntu:~$ curl -sSL http://bit.ly/xoopseasydock -o xoops.zip
```

```
teacher@ubuntu:~$ ls
```

```
get-docker.sh  mydata  run_portainer.sh  xoops.zip
```

```
teacher@ubuntu:~$ unzip xoops.zip
```

```
Archive:  xoops.zip
```

```
  creating: xoops_easy_dock/
```

```
...
```

```
...
```

```
teacher@ubuntu:~$ cd xoops_easy_dock/
```

```
teacher@ubuntu:~/xoops_easy_dock$ ll
```

```
drwxr-xr-x 4 teacher teacher 4096 10 月 11 22:45 ./
drwxr-xr-x 5 teacher teacher 4096 10 月 18 15:54 ../
-rwxr-xr-x 1 teacher teacher 269 10 月 11 18:05 clean.sh*
drwxrwxrwx 3 teacher teacher 4096 9 月 10 10:04 _data/
drwx----- 6 teacher teacher 4096 9 月 11 20:24 docker/
-rwxr-xr-x 1 teacher teacher 544 10 月 11 18:03 prepare.sh*
```

```
teacher@ubuntu:~/xoops_easy_dock$ ./prepare.sh
```

```
teacher@ubuntu:~/xoops_easy_dock$ ls
```

```
clean.sh _data docker my_xoops.zip prepare.sh public xoops_data xoops_lib
```

```
teacher@ubuntu:~/xoops_easy_dock$ cd docker/
```

```
teacher@ubuntu:~/xoops_easy_dock/docker$ ls
```

```
docker-compose-xoops-easy.yml docker-compose.yml env-xoops-easy logs mysql nginx php-fpm
```

```
teacher@ubuntu:~/xoops_easy_dock/docker$ ls -al
```

```
drwx----- 6 teacher teacher 4096 9 月 11 20:24 .
drwxr-xr-x 7 teacher teacher 4096 10 月 18 15:55 ..
-rw-r--r-- 1 teacher teacher 3028 9 月 12 19:34 docker-compose-xoops-easy.yml
-rw-r--r-- 1 teacher teacher 3028 9 月 12 19:34 docker-compose.yml
-rw-r--r-- 1 teacher teacher 2032 9 月 12 19:33 .env
-rw-r--r-- 1 teacher teacher 2032 9 月 12 19:33 env-xoops-easy
drwx----- 3 teacher teacher 4096 9 月 10 03:04 logs
drwx----- 3 teacher teacher 4096 9 月 11 20:08 mysql
drwx----- 3 teacher teacher 4096 9 月 6 19:59 nginx
drwx----- 2 teacher teacher 4096 9 月 11 20:21 php-fpm
```

```
teacher@ubuntu:~/xoops_easy_dock/docker$ vi .env
```

```
teacher@ubuntu:~/xoops_easy_dock/docker$ docker-compose up -d
```

```
Creating network "docker_default" with the default driver
```

```
Creating network "docker_frontend" with driver "bridge"
```

```
Creating network "docker_backend" with driver "bridge"
```

```
Creating volume "docker_mysql" with local driver
```

```
Building mysql
```

```
Step 1/11 : ARG MYSQL_VERSION=8.0
```

```
...
```

```
...
```