

Lab: 執行 docker 容器

請開啟終端機 (於桌面上按滑鼠右鍵 -- > 使用終端機開啟)

如果是用 一般使用者登入, 請使用 `> su -` 輸入密碼來切換管理者 root
管理者的提示符號是 `#`

觀察 container

```
# docker ps
```

```
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
```

```
# docker ps -a
```

```
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
```

首先對之前下的指令進行解釋

```
# docker run --rm -i -t opensuse /bin/bash
```

- `run` 執行 `docker`
- `--rm` Automatically remove the container when it exits
- `-i` Keep STDIN open even if not attached
- `-t` Allocate a pseudo-TTY

在 container 內

```
bash-4.2# echo $HOSTNAME
```

```
272dfd16c792
```

請另外啟動終端機觀察

```
# docker ps
```

```
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
```

```
272dfd16c792 opensuse "/bin/bash" About a minute ago Up About a minute mad_poitras
```

在 container 內

```
bash-4.2# exit
```

觀察 container

```
# docker ps
```

```
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
```

```
# docker ps -a
```

```
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
```

接下來嘗試 沒有 `--rm` 的差異 (這次不加上 `--rm`, 也就是說 `exit` 之後不刪除)

```
# docker run -i -t opensuse /bin/bash
```

在 container 內

```
bash-4.2# exit
```

觀察 container

docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

docker ps -a

1dd047e1ec6b opensuse "/bin/bash" 36 seconds ago Exited (0) 29 seconds ago thirsty_archimedes