

Lab: 下載映像檔並觀察

觀察現有的映像檔

```
# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	VIRTUAL SIZE
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下載 busybox 映像檔

```
# docker pull busybox
```

Using default tag: latest

latest: Pulling from library/busybox

a5d4c53980c6: Pull complete

b41c5284db84: Pull complete

Digest: sha256:65ce39ce3eb0997074a460adfb568d0b9f0f6a4392d97b6035630c9d7bf92402

Status: Downloaded newer image for busybox:latest

再次觀察現有的映像檔

```
# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	VIRTUAL SIZE
busybox	latest	b41c5284db84	7 weeks ago	1.093 MB

Lab: 映像檔查詢與取得

方式 1 上網搜尋

<https://hub.docker.com/>

例如 搜尋 opensuse

The screenshot shows the Docker Hub interface with a search bar containing 'opensuse'. Below the search bar, there are two repository entries:

Repository	Stars	Pulls	Details
opensuse official	49	35976	>
boombatower/opensuse public automated build	0	1676	>

點進想抓的 Repositories

這邊可以看到 docker pull 指令還有 Dockerfile 相關資訊

Supported tags and respective Dockerfile links

- 13.2, harlequin, latest ([docker/Dockerfile](#))
- tumbleweed ([docker/Dockerfile](#))

DOCKER PULL COMMAND

```
docker pull opensuse
```

方式 2 使用指令

使用 `docker search` 來搜尋

```
# docker search opensuse
```

NAME	DESCRIPTION	STARS	OFFICIAL
AUTOMATED			
opensuse	This project contains the stable releases ...	124	[OK]
opensuse/portus	Production ready Docker image of Portus.	6	
[OK]			
novacoast/opensuse-apache		2	
[OK]			

取得映像檔到本機

使用 指令還有 Web 方式的差異是

在 Web 上面, 我們可以看到 images 的 TAG, 但是使用指令沒有看到

取得 opensuse image

```
# docker pull opensuse
```

Using default tag: latest

latest: Pulling from library/opensuse

d07e31bb0673: Pull completeDigest:

sha256:1a0ca80300026ed9704fd7972038c074b78aa7f8fa7795549862df1899a7e479

Status: Downloaded newer image for opensuse:latest

如果不下 Tag, 預設是 latest

指定 image and tag

```
# docker pull opensuse:42.3
```

42.3: Pulling from library/opensuseDigest:

sha256:1a0ca80300026ed9704fd7972038c074b78aa7f8fa7795549862df1899a7e479

Status: Downloaded newer image for opensuse:42.3

利用 `docker images` 來比對, 比對 IMAGE ID 就會知道 latest 與 42.1 是相同的

```
# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	VIRTUAL SIZE
opensuse	42.3	31a67951a653	2 days ago	108MB
opensuse	latest	31a67951a653	2 days ago	108MB
busybox	latest	b41c5284db84	7 weeks ago	1.093 MB