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

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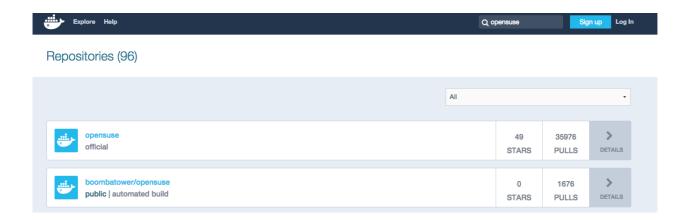REPOSITORY   TAG   IMAGE ID   CREATED   VIRTUAL SIZE
busybox   latest   b41c5284db84   7 weeks ago   1.093 MB

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

點進想抓的 Repositories
這邊可以看到 docker pull 指令還有 Dockerfile 相關資訊

opensuse ☆

Last pushed: 7 days ago

Repo Info   Tags

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

da0e7dee81d7: Pull complete
80bd0f661aef: Pull complete
Digest: sha256:4d13118f99b33de9e3daea45a010c744d2f0c80eade081577606fecf349db3e9
Status: Downloaded newer image for opensuse:latest

如果不下 Tag, 預設是 latest

指定 image and tag
docker pull opensuse:42.1
42.1: Pulling from library/opensuse

Digest: sha256:7434fa406aef46e238951a82159693ed02793483f1a2511186b794ec82fc9ff4
Status: Downloaded newer image for opensuse:42.1

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	latest	80bd0f661aef	5 weeks ago	97.74 MB
opensuse	42.1	80bd0f661aef	5 weeks ago	97.74 MB
busybox	latest	b41c5284db84	7 weeks ago	1.093 MB