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

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/leap
Using default tag: latest
latest: Pulling from opensuse/leap
d07e31bb0673: Pull completeDigest:
sha256:1a0ca80300026ed9704fd7972038c074b78aa7f8fa7795549862df1899a7e479
Status: Downloaded newer image for opensuse/leap:latest

如果不下 Tag, 預設是 latest

指定 image and tag
docker pull opensuse:15.1
15.1: Pulling from library/opensuseDigest:
sha256:1a0ca80300026ed9704fd7972038c074b78aa7f8fa7795549862df1899a7e479
Status: Downloaded newer image for opensuse/leap:15.1

利用 docker images 來比對, 比對 IMAGE ID 就會知道 latest 與 15.1 是相同的

docker images

REPOSITORY	TAG	IMAGE ID	CREATED	VIRTUAL SIZE
opensuse/leap	15.1	fef5ad254f63	4 weeks ago	103MB
opensuse/leap	latest	fef5ad254f63	4 weeks ago	103MB
busybox	latest	b41c5284db84	7 weeks ago	1.093 MB