Lab: Download docker images

Check docker images
docker   images
REPOSITORY   TAG   IMAGE ID   CREATED   VIRTUAL SIZE

download busybox image
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

Please check docker images again
docker images
REPOSITORY   TAG   IMAGE ID   CREATED   VIRTUAL SIZE
busybox   latest   b41c5284db84   7 weeks ago   1.093 MB

Lab: Search docker images

Method 1 - Dockerhub
https://hub.docker.com/

For example, please search opensuse

You could click different Repositories
You could see docker pull command and Dockerfile information

Method 2 – Use docker command
Use docker search
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]
```

Get docker image to local
The difference between Web and docker command
On the web, we could see images TAG, but we didn't see it on docker search command

Get 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

If you don't assign Tag, default is latest

Download image with tag
docker pull opensuse:42.3
42.3: Pulling from library/opensuseDigest:
sha256:1a0ca80300026ed9704fd7972038c074b78aa7f8fa7795549862df1899a7e479
Status: Downloaded newer image for opensuse:42.3

You could use **docker images** to compare IMAGE ID and you will know latest and 42.3 are the same

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