

## Lab: Download docker images

Check docker images

```
# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	VIRTUAL SIZE
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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

The screenshot shows the Docker Hub search results for 'opensuse'. The top navigation bar includes 'Explore', 'Help', a search bar with 'opensuse' entered, and 'Sign up' and 'Log In' buttons. Below the navigation bar, the text 'Repositories (96)' is displayed. A dropdown menu is set to 'All'. The search results are shown in a table with two rows. The first row is for 'opensuse official' with 49 stars and 35976 pulls. The second row is for 'boombatower/opensuse public | automated build' with 0 stars and 1676 pulls. Each row has a 'DETAILS' button to its right.

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

You could click different Repositories

You could see docker pull command and Dockerfile information

#### Supported tags and respective Dockerfile links

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

#### DOCKER PULL COMMAND

```
docker pull opensuse
```

## 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