Import from Image

Thursday, May 7, 2020 11:26 PM

Download Docker toolbox and install it.

Download stdlinux image from: https://osu.box.com/s/vy5mtlcp43gc3gft928iekbmjapzus06

- 1. Download image and put the .tar into the same folder of Docker tool box (typical address is c/Program Files/Docker Toolbox)
- 2. Type command "docker load --input stdlinux_for_cse2421.tar" and hit enter. This command will load image package in your pc. The process may last 2-4 minutes.

```
| 15.58MB / 15.58MB / 15.58MB / 15.88MB / 15.8
```

3. Type command "docker image Is" and hit enter. You should see a list of image exist in your pc. If you haven't load any other image, you should only have one image.

```
Zhiren Xu@Y9000X MINGW64 /c/Program Files/Docker Toolbox
$ docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
<none> <none> d7585477af3e 2 hours ago 2.09GB
```

It will have <none> under repository and tag. That's normal. Select the id number under "Image ID" and right click to copy it.

- 4. Now type "docker run -p 6080:80 --name stdlinux d7585477af3e" and hit under. The ID number at the last of this command should be Image ID on your own pc. "stdlinx" is the container name, you can change it to whatever you want.
- 5. Now go back to the top of Docker command line.

```
## ## ## ==

## ## ## ===

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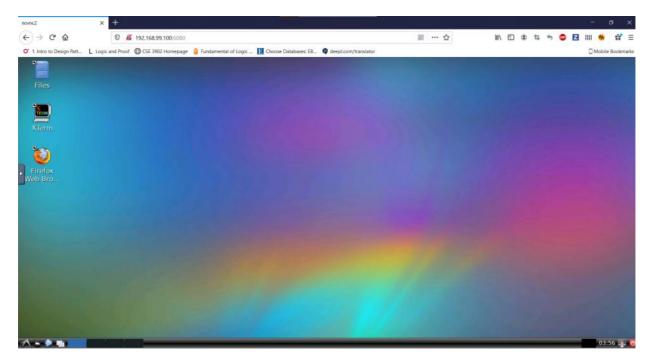
---- {--- --- --- --- --- --- --- |

docker is configured to use the default machine with IP 192.168.99.100

For help getting started, check out the docs at https://docs.docker.com
```

Select and copy the default machine IP.

Open and maximize your web browser. Copy that address to your browser and add ":6080" behind it. Hit enter and you should be able to see the desktop gui.



- 6. To stop the container, save everything you did, close the webpage and hit ctrl+c in docker command line. (If you don't have the prompt slash, usually happen in your first run)

 If not, type "docker stop <container name>" and hit enter to stop it.
- 7. If you want to start the container after it stopped, type "docker start stdlinux" and hit enter. Open the webpage and desktop gui should be there. DO NOT use "docker run <image name>" command unless you want a new container being built!

 If you forget your container name, use this command "docker container ps -a". It will list all the container you have on your pc.
- 8. In case you need to delete the container, use "docker rm <container name>" or "docker rm <container id>". Container will be permanently deleted!
- 9. In case your container messed up and you need a reset, use "docker restart <container name> or "docker restart <container id>". Your data will be saved, however always keep a backup when things go wrong.