Docker Commands

Pre-requisite: Docker file is required to create images.

* docker –version 🡪 Prints current docker version
* docker pull <image name>:<version> 🡪 Pulls image from docker hub

Ex: docker pull nginx:1.23 🡪 Pulls nginx image of version 1.23

Note: Pulls latest version, if version not provide 🡪 docker pull nginx

* docker images : displays all available docker images
* docker run <image name> : Run image in a container
* docker run -d <image name> : Run image in a container in detach mode (not blocking cmd prompt)
* docker ps : Displays all running containers
* docker ps -a : Displays all containers available.
* docker build [OPTIONS] PATH | URL | - Building image using docker file

Ex: docker build -t my-docker-image .

-t tag 🡪 denotes name

my-docker-image 🡪 image name

. 🡪 path of docker file , in this case denotes root directory

* docker stop <container\_id\_or\_name> 🡪 Stops a container
* docker rm <container\_id\_or\_name> 🡪 Deletes a container
* docker rm -f <container\_id\_or\_name> 🡪 Forcefully deletes a running container
* docker container prune 🡪 Remove All Stopped Containers
* docker run -d -p <local port #>:<container port number> <image name> 🡪 Port binding (binds a local port with container port number)

Ex: docker run -d -p 2000:3000 my-image-for-porting

-t tag 🡪 denotes port binding

2000:3000 🡪 porting container port 3000 to local port 2000

my-image-for-porting 🡪 image name