

Important Docker Commands:

Check Docker Version:

`docker --version`

Details about Docker Host:

`docker info`

For Pulling images from Docker Hub:

`docker pull image name`

To check the images running on Docker Host:

`docker images`

Creating Containers:

`docker run -d imagereponame or imageid (Detached Mode)`

`docker run -d --name containername imagereponame or imageid (Detached Mode)`

`docker run -it imagereponame or imageid /bin/sh (Interactive Mode)`

`docker run -it --name containername imagereponame or imageid /bin/sh (Interactive Mode)`

Command to login to a container:

`docker exec -it containerid or containername /bin/sh`

Command to check running containers:

`docker ps`

Command to check all containers (stopped and running)

`docker ps -a`

Command to authenticate to DockerHub:

`docker login`

Commands to start or stop containers:

`docker start containername or containerid`

`docker stop container name or container id`

Command to get more details about a running container:

`docker inspect containername or container id`

Command to commit container changes to a image:

`docker commit continername localimagename`

Command to tag image to a DockerHub Repository:

`docker tag localimagename yourhubusername/repositoryname:tagname`

Command to push tagged image to a DockerHub Repository:

`docker push yourhubusername/repository name`