



Docker.

* Docker commands.

- Docker pull IMAGE-NAME
 - ↳ Download image
 - e.g. Docker pull centos:latest.
- docker images
 - ↳ Check out available images
- docker ps.
 - ↳ list running containers.
- docker ps -a
 - ↳ list all containers.
- docker run IMAGE-NAME.
 - ↳ create the container + starts the container.
- docker run -it centos:latest
 - ↳ -i ⇒ interactive
 - ↳ -t ⇒ terminal
 - ↳ run the docker container and get terminal.

- `docker run -it --name myos centos:latest`
 ↳ Starts container having name or tag as myos.
 ↳ If multiple containers are running then name tag helps to find container's work.
- `docker start [container name/id]`.
 ↳ Starts container.
- `docker attach [container name/tag id]`.
 ↳ Gives terminal.
- `docker stop [container tag/id]`.
 ↳ Stops container.
- `docker restart [container tag/id]`.
 ↳ Stops + start container.
- `ctrl + p + q` (shortcut)
 ↳ Keyboard shortcut to detach ^{from} running container and come to base os.

- `docker commit webas myweb: w1`

webas

name of container / Id

myweb: w1

name of newly created image

w1

tag / version.

`docker commit` command used to create new image that has more features.

- `docker rm (container name/id)`

↳ removes container

- `docker rmi centos:latest`

↳ removes mentioned image.

- `docker run -it --name x1 centos:latest`

[date] [container name]

↳ date command gonna run in x1 container and exit automatically after completion of command.

[date] [container name]

↳ stops container.

[date] [container name]

↳ stops + start container.

[date] [container name]

↳ keyboard shortcut to detach running container and come to base os.

`docker commit` [image name] [container name]

name of container

[id]

image

image

image

image

image