

DOCKER CHEATSHEET

INSTALLATION & SYSTEM COMMANDS:

- To install a docker : **yum install docker -y**
- To check the docker version: **docker version**
- To check docker information: **docker info**
- To start the docker services: **systemctl start docker**
- To check the status: **systemctl status docker**

IMAGE COMMANDS:

- To see a list of downloaded images: **docker image**
- To pull image from Docker Hub : **docker pull image-name**

CONTAINER COMMANDS:

- To view the list of running containers:
docker ps / docker container ls
- List all the running and stopped containers:
docker ps -a / docker container ls -a
- create&run the container:
docker run -it --name <container_name> <image_name>
(it -> {interactive terminal}, it will create a shell inside the container, which is used to perform commands or execute the programs)

- To start an existing container: **docker start <my-container>**
- To stop the container: **docker stop <my-container>**
- To start a stopped container: **docker start <container>**
- To Stop a running container: **docker stop <container name>**
- To attach with a container: **docker attach <container name>**
- To exit from the container: **exit**
- Return from a running container without stopping : **Ctrl+P+Q**
- To view the list of containers that have exited:
docker ps -f "status=exited"
- To Remove the stopped container: **docker rm <my-cont>**
- To Stops the specified containers:
docker stop cont1 cont2 cont-3
- To Stop the all running containers: **docker stop \$(docker ps)**
- To Starts the specified containers:
docker start cont-1 cont-2 cont-3
- To Start all stopped or exited containers:
docker start \$(docker ps -a)
- Rename the container: **docker rename <old_name> <new_name>**
- Forcefully stops the specified container: **docker kill my-container**
- Lists the last 2 created containers: **docker ps n -2**

- To Lists the last 2 created containers, including stopped ones:
`docker container ls -a -n 2`
- To Shows the latest created container:
`docker container ls --latest`
- To Removes all containers, including stopped ones:
`docker container rm $(docker container ls -a)`