Docker Command Cheat Sheet

Lifecycle Commands

To restart docker container — **docker Restart**
Attach Terminal to Running container — **docker attach**
Block until one or more containers stop, then print their exit codes — **docker wait**
To remove the Docker Container, stop it first and then remove it — **docker rm**
To stop and remove Docker containers — **docker kill**

docker create — Create a new container
docker run — Creates a docker container from docker image
docker pause — To pause a running container
docker unpause — To unpause a running container
docker stop — To stop a docker container
docker start — To start a docker container

Image Commands

To show complete information in JSON format — **docker inspect**
To save an existing Docker Image — **docker save**
Create Docker Image from Tarball — **docker import**
To export existing Docker — **docker export**
To load Docker Image from file or archives — **docker load**
To remove docker images — **docker rmi**

docker build — To build Docker Image from Dockerfile
docker pull — To pull Docker Image from Docker Hub Registry
docker tag — To add Tag to Docker Image
docker images — To list Docker Images
docker push — To push Docker Images to
docker create — To show history of Docker Image

Compose Commands

To run one one of application inside docker — **docker-compose run**
To remove docker containers from docker compose — **docker-compose rm**
To check docker container status from docker compose — **docker-compose ps**

docker-compose build — To build docker compose file
docker-compose up — To run docker compose file
docker-compose ls — docker-compose ls
docker-compose start — To start containers which are already created using docker compose file

Networking Commands

To view network configuration details — **docker network inspect**

docker network create — To create docker network
docker network ls — To list docker networks

Prune Commands

To remove all unused docker volumes — **docker volume prune**
To remove all unused docker network — **docker network prune**

docker system prune — To clean all resources which are dangling or not associated with any docker containers
docker image prune — To remove Dangling Docker images
docker container prune — To remove all unused docker containers

Basic Commands

List all the running containers. Add the flag to list all the containers. — **docker ps**
To start a docker container — **docker start**
To stop a docker container — **docker stop**
To view Logs for a Docker Container — **docker logs**
To rename Docker Container — **docker rename**
To remove the Docker Container, stop it first — **docker rm**

docker — To check all available Docker Commands
docker version — To show Docker version
docker info — Displays system wide information
docker pull — To pull the docker Images from Docker Hub Repository
docker build — To Docker Image from Dockerfile
docker run — Run a container from a docker
docker commit — To commit a changes in container file OR create newdocker Image

Container Commands

To view Logs for a Docker Container — **docker logs**
To rename Docker Containe — **docker rename**
To remove Docker container — **docker rm**
Docker container info command — **docker inspect**
Attach Terminal to Running container — **docker attach**
To stop and remove Docker containers — **docker kill**
To copy files or folders between a container and from local filesystem. — **docker cp**

docker start — To start a Docker container
docker stop — To stop a running docker container
docker restart — To restart docker container
docker pause — To pause a running container
docker unpause — To unpause a running container
docker run — Creates a docker container from docker image
docker ps — To list Docker containers
docker exec — To Access the shell of Docker Container

Volume Commands

To remove docker volume — **docker volume rm**

docker volume create — To create docker volume
docker volume inspect — To inspect docker volume

Hub Commands

Push an image or a repository to a registry — **docker push**
Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE — **docker tag**
To logout from Docker Hub Registry — **docker logout**

docker search — To search docker image
docker pull — To pull image from docker hub
docker login — To Log in to a Docker registry

Logs and Monitoring Commands

To show running process in docker container — **docker top**
To check cpu, memory and network I/O usage — **docker stats**
To show docker containers public ports — **docker port**

docker ps -a — To show running and stopped containers
docker logs — To show Docker container logs
docker events — To get all events of docker container