

Docker Commands Cheat Sheet

docker --version

Check your installed Docker version

docker images

List all Docker images

docker ps

List currently running containers

docker ps -a

List all containers (running + stopped)

docker build -t image-name .

Build a Docker image from a Dockerfile

docker run image-name

Run a Docker container from an image

docker run -p hostPort:containerPort image-name

Run container and map ports

docker run -d image-name

Run a container in detached (background) mode

docker stop container-id

Stop a running container

docker start container-id

Start a stopped container

docker restart container-id

Restart a running container

docker rm container-id

Remove a stopped container

docker rmi image-id

Remove a Docker image

docker exec -it container-id bash

Open terminal inside a running container

docker logs container-id

View logs from a running container

docker network ls

List Docker networks

docker network create my-network

Create a custom Docker network

docker volume ls

List Docker volumes

docker volume create my-volume

Create a Docker volume

docker-compose up

Start all services defined in docker-compose.yml

docker-compose down

Stop and remove all services in docker-compose.yml

docker-compose build

Build images defined in docker-compose.yml

docker save -o image-name.tar image-name

Export a Docker image to a .tar file

docker load -i image-name.tar

Import a Docker image from a .tar file

docker stats

Show real-time resource usage for containers