

# DOCKER COMMAND CHEATSHEET

## Commonly Used

**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 image.  
**docker commit** – To commit a changes in container file OR create new Docker Image  
**docker ps** – List all the running containers. Add the `-a` flag to list all the containers.  
**docker start** – To start a docker container  
**docker stop** – To stop a docker container  
**docker logs** – To view Logs for a Docker Container  
**docker rename** – To rename Docker Container  
**docker rm** – To remove the Docker Container, stop it first and then remove it

## Container Commands

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

## Image Commands

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

## Compose Commands

**docker-compose build** – build docker compose file  
**docker-compose up** – To run docker compose file  
**docker-compose ls** – To list docker images declared inside docker compose file  
**docker-compose start** – To start containers which are already created using docker compose file  
**docker-compose run** – To run one one of application inside docker-compose.yml  
**docker-compose rm** – To remove docker containers from docker compose  
**docker-compose ps** – To check docker container status from docker compose

## Volume Commands

**docker volume create** – To create docker volume  
**docker volume inspect** – To inspect docker volume  
**docker volume rm** – To remove docker volume





## Docker Hub Commands

**docker search ubuntu** – To search docker image  
**docker pull ubuntu** – To pull image from docker hub  
**docker push fosstechnix/nodejsdocker** – Push the Docker Image again  
**docker logout** – To logout from Docker Hub Registry

## Networking Commands

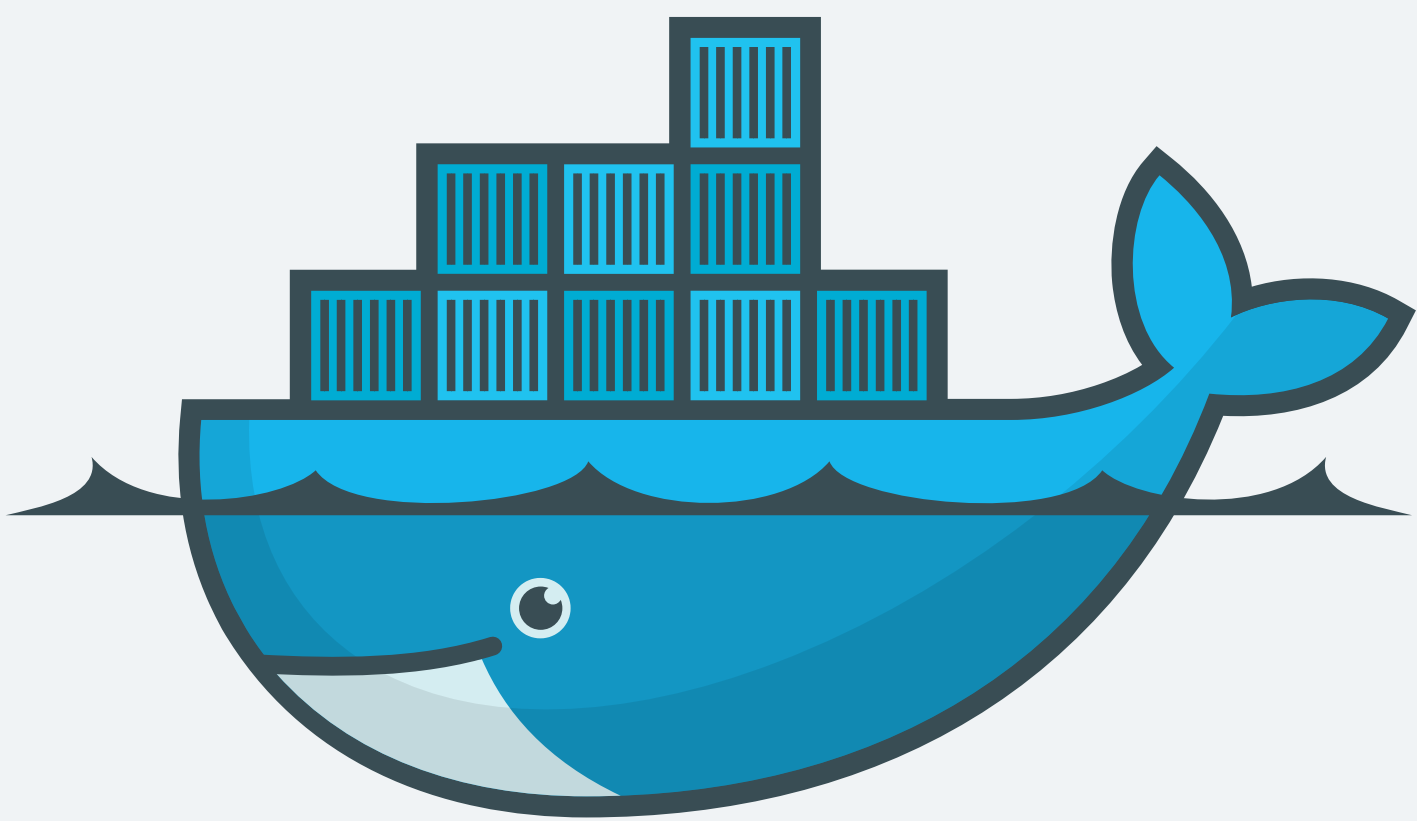
**docker network create** – To create docker network  
**docker network ls** – To list docker networks  
**docker network inspect** – To view network configuration details

## Logs and Monitoring Commands

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

## Docker Prune Commands

**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 To remove all unused docker containers  
**docker container prune** – To remove all unused docker containers  
**docker volume prune** – To remove all unused docker volumes  
**docker network prune** – To remove all unused docker network



The Ultimate Guide to  
Mastering Docker  
Commands:  
**Your One-Stop Reference!**

