

# Docker cheat codes

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## Images

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- \* List images: `docker image ls`
- \* Pull an image from a registry: `docker image pull <image>`
- \* Build an image from a Dockerfile: `docker image build -t name>: to_dockerfile>`
- \* Remove an image: `docker image rm <image>`

## Containers

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- \* List running containers: `docker container ls`
- \* List all containers (including stopped ones): `docker container ls -a`
- \* Run a container from an image: `docker container run --name name> -d name>`
- \* Start a stopped container: `docker container start`
- \* Stop a running container: `docker container stop`
- \* Remove a container: `docker container rm`

## Volumes

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- \* List volumes: `docker volume ls`
- \* Create a volume: `docker volume create`
- \* Remove a volume: `docker volume rm`

## Docker Compose

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- \* Start containers defined in a Docker Compose file: `docker-compose up -d`
- \* Stop containers defined in a Docker Compose file: `docker-compose down`
- \* View logs of containers defined in a Docker Compose file: `docker-compose logs`
- \* Scale a service defined in a Docker Compose file: `docker-compose up -d --scale name>=of_instances>`
- \* Build and start containers defined in a Docker Compose file: `docker-compose up --build -d`

## Networks

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- \* List networks: `docker network ls`
- \* Create a network: `docker network create`
- \* Remove a network: `docker network rm`

## Miscellaneous

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- \* Access a shell inside a running container:  
`docker exec -it /bin/bash`  
`docker exec -u root -it /bin/bash`
- \* Inspect detailed information about a container: `docker inspect`
- \* View Docker system-wide information: `docker info`
- \* Clean up unused Docker resources: `docker system prune`