## **Docker Cheat Sheet**





## **Build**

Build an image from the Dockerfile in the current directory and tag the image

docker build -t myimage:1.0 .

List all images that are locally stored with the Docker Engine

docker image 1s

Delete an image from the local image store docker image rm alpine: 3.4



## **Share**

Pull an image from a registry

docker pull myimage:1.0

Retag a local image with a new image name and tag

docker tag myimage:1.0 myrepo/
myimage:2.0

Push an image to a registry

docker push myrepo/myimage:2.0



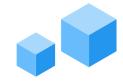
Run a container from the Alpine version 3.9 image, name the running container "web" and expose port 5000 externally, mapped to port 80 inside the container.

docker container run --name web -p
5000:80 alpine:3.9

Stop a running container through SIGTERM docker container stop web

Stop a running container through SIGKILL docker container kill web

List the networks docker network 1s



List the running containers (add --all to include stopped containers)

docker container ls

Delete all running and stopped containers

docker container rm -f \$ (docker ps -aq)

Print the last 100
lines of a container's logs
docker container
logs --tail 100 web



## **Docker Management**

All commands below are called as options to the base docker command. Run docker <command> --help for more information on a particular command.

app\* Docker Application

assemble\* Framework-aware builds (Docker Enterprise)

builder Manage builds

cluster Manage Docker clusters (Docker Enterprise)

config Manage Docker configs

context Manage contexts

engine Manage the docker Engine

node Manage Swarm nodes

plugin Manage plugins

registry\* Manage Docker registries

secret Manage Docker secrets

service Manage services

stack Manage Docker stacks

swarm Manage swarm system Manage Docker

template\* Quickly scaffold services (Docker Enterprise)

trust Manage trust on Docker images

volume Manage volumes

\*Experimental in Docker Enterprise 3.0.