

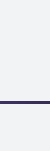
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Docker CLI cheatsheet

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CodeFund

docker build

docker build [options] .

-t "app/container_name" # name

Create an image from a Dockerfile.

docker run

docker run [options] IMAGE

see `docker create` for options

Run a command in an image.

Manage containers

docker create

docker create [options] IMAGE

-a, --attach # attach stdout/err

-i, --interactive # attach stdin (interactive)

-t, --tty # pseudo-tty

--name NAME # name your image

-p, --publish 5000:5000 # port map

--expose 5432 # expose a port to link

-P, --publish-all # publish all ports

--link container:alias # linking

-v, --volume `pwd`:/app # mount (absolute paths)

-e, --env NAME=hello # env vars

Example

\$ docker create --name app_redis_1 \

--expose 6379 \

redis:3.0.2

Create a container from an image.

docker exec

docker exec [options] CONTAINER COMMAND

-d, --detach # run in background

-i, --interactive # stdin

-t, --tty # interactive

Example

\$ docker exec app_web_1 tail logs/development.log

\$ docker exec -t -i app_web_1 rails c

Run commands in a container.

docker start

docker start [options] CONTAINER

-a, --attach # attach stdout/err

-i, --interactive # attach stdin

docker stop [options] CONTAINER

Start/stop a container.

docker ps

\$ docker ps

\$ docker ps -a

\$ docker kill \$ID

Manage containers using ps/kill.

Images

docker images

\$ docker images

REPOSITORY TAG ID

ubuntu 12.10 b750fe78269d

me/myapp latest 7b2431a8d968

\$ docker images -a # also show intermediate

Manages images.

docker rmi

docker rmi b750fe78269d

Deletes images.

Also see

Getting Started (docker.io)

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