

# Docker cheatsheet

## Building images

Build an image “image\_name” out of the local Dockerfile:

```
$ docker build -t image_name .
```

“-t” == “—tag” # Name and optionally a tag in the "name:tag" format

See more options with “docker help build”

## Containers

### Running

Run the image “container-name” in detached mode (“-d”) and map its port 80 to the host’s port 81:

```
$ docker run -d -p 8082:8080 container_name
```

Run the image “nginx” in detached mode (“-d”) and randomly map its ports to any available ports of the host (“-P”):

```
$ docker run -d -P nginx
```

### Logs

Follow the logs of the container with id xxx:

```
$ docker container logs xxx -f
```