

Docker

- Container management software -
 - ↳ Running instance of Docker image

Virtual Machine → operating system

Container → process

FROM debian: buster debian buster has more features
↓ image ↓ image tag (ex version)

RUN apt-get update && apt-get install -y

RUN rm /etc/<name>/<name>?.conf <name 1, 2...> ↓ auto yes

COPY <name>.conf /etc/<name>/

EXPOSE <port> ↗ 443 rm -rf /var/lib/apt/lists/* allows to save space

CMD ["name", "-option", "arg;"]

NGINX → nginx.conf

worker_processes <int>

↳ handles incoming simultaneous requests

events {

worker_connections <int>;

↳ number of allowed simultaneous requests

communication method "sockets"
↳ not mandatory

}

http

{

http server configuration

server {

conf for an individual site

In docker context **daemon** refers to background exec of a container or image

↳ a container run in daemon mode won't block the shell

PID 1 in docker is the 'CMD' or 'ENTRYPOINT' process. Responsible of running application or service it's
↳ the one who handles signals and childs
"main purpose"

Dockerfile isn't good to use for anything outside building phase → Way better to do a script bash as entry point for the container

To do:

domain name: ecolin.42.fr

change admin user (name without admin)

complete env variables

Makefile

crash check Mariadb

avoid root use

ignore .env

Virtual box

changer la partition du volume

↳ /home/ecolin/data

Makefile sudo mkdir -p

NE PAS PUSH .ENV

Read me avec .env ex

Changer les noms de .env

