Langkah-langkah membuat DockerFile

* sudo apt update

Next, install a few prerequisite packages which let apt use packages over HTTPS:

* sudo apt install apt-transport-https ca-certificates curl software-properties-common

Then add the GPG key for the official Docker repository to your system:

* curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -

Add the Docker repository to APT sources:

* sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu bionic stable"

Next, update the package database with the Docker packages from the newly added repo:

* sudo apt update

Make sure you are about to install from the Docker repo instead of the default Ubuntu repo:

* apt-cache policy docker-ce

You’ll see output like this, although the version number for Docker may be different:

Output of apt-cache policy docker-ce

docker-ce:

Installed: (none)

Candidate: 18.03.1~ce~3-0~ubuntu

Version table:

18.03.1~ce~3-0~ubuntu 500

500 https://download.docker.com/linux/ubuntu bionic/stable amd64 Packages

Notice that docker-ce is not installed, but the candidate for installation is from the Docker repository for Ubuntu 18.04 (bionic).

Finally, install Docker:

* sudo apt install docker-ce

Docker should now be installed, the daemon started, and the process enabled to start on boot. Check that it’s running:

* sudo systemctl status docker

The output should be similar to the following, showing that the service is active and running:

Output

● docker.service - Docker Application Container Engine

Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)

Active: active (running) since Thu 2018-07-05 15:08:39 UTC; 2min 55s ago

Docs: https://docs.docker.com

Main PID: 10096 (dockerd)

Tasks: 16

CGroup: /system.slice/docker.service

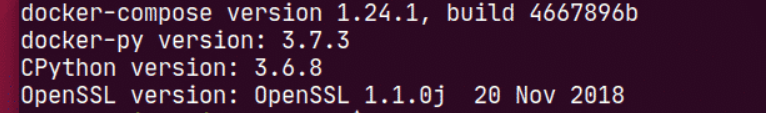
├─10096 /usr/bin/dockerd -H fd://

└─10113 docker-containerd --config /var/run/docker/containerd/containerd.toml

$ sudo curl -L "https://github.com/docker/compose/releases/download/1.24.1/  
docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose

$ sudo chmod +x /usr/local/bin/docker-compose

$ docker-compose version



$ cd /var/www/html/(namafolder)

/var/www/html/(namafolder) $ nano docker-compose.yaml

docker-compose.yaml

|  |
| --- |
| version: "3.7"  services:  web-server:  build:  dockerfile: php.Dockerfile  context: .  restart: always  volumes:  - "./:/var/www/html/"  ports:  - "8888:80"  mysql-server:  image: mysql:8.0.19  restart: always  environment:  MYSQL\_ROOT\_PASSWORD: secret  volumes:  - mysql-data:/var/lib/mysql  phpmyadmin:  image: phpmyadmin/phpmyadmin:5.0.1  restart: always  environment:  PMA\_HOST: mysql-server  PMA\_USER: root  PMA\_PASSWORD: secret  ports:  - "5555:80"  volumes:  mysql-data: |

/var/www/html(namafolder) $ nano php.Dockerfile

Php.Dockerfile

|  |
| --- |
| FROM php:7.4.3-apache  RUN docker-php-ext-install mysqli pdo pdo\_mysql  RUN a2enmod rewrite  run chmod -R 755 /var/www/html/  COPY ./ /var/www/html  RUN service apache2 restart |

$ sudo docker-compose up –d

$ docker-compose ps

