

Reference:

https://docs.docker.com/engine/userguide/eng-image/dockerfile_best-practices/

<https://docs.docker.com/engine/reference/builder/#from>

Difference between add and copy:

<https://www.ctl.io/developers/blog/post/dockerfile-add-vs-copy/>

Below are some dockerfile commands you must know:

FROM

The base image for building a new image. This command must be on top of the dockerfile.

MAINTAINER

Optional, contains the name of the maintainer of the image..

RUN

Used to execute a command during the build process of the docker image.

ADD

Copy a file from the host machine to the new docker image. There is an option to use an URL for the file, docker will then download that file to the destination directory.

ENV

Define an environment variable.

CMD

Used for executing commands when we build a new container from the docker image.

ENTRYPOINT

Define the default command that will be executed when the container is running.

WORKDIR

This is directive for CMD command to be executed.

USER

Set the user or UID for the container created with the image.

VOLUME

Enable access/linked directory between the container and the host machine.