

Dockerfile Commands-

The Dockerfile is a text file that (mostly) contains the instructions that you would execute on the command line to create an image

FROM - valid Dockerfile must start with a FROM instruction. Instruction initializes a new build stage and sets the Base Image for subsequent instructions

RUN- It is used to run a linux command. Used to install packages into container and to create files and folder.

ENV – To sets environment variable we can have multi variable in single docker file.

COPY – Takes in a src and destination To copies files and directories to the container.

EXPOSE - instruction tells Docker to get all its information required during the runtime from a specified Port.

ENTRYPOINT - instruction used to configure how the container will run.

CMD - instruction that is to be executed when a Docker container starts.

VOLUME - volumes are directories and files that exist on the host file system outside of the Docker container.

WORKDIR - used to define the working directory of a Docker container at any given time.

LABEL - used in Dockerfile to help organize your Docker Images. Labels are key-value pairs and simply adds custom metadata to your Docker Image.

ADD – same as COPY but it support URL instead of local src and you can extract a tar file from the source directly into the destination.