

Dockerfile Commands (Instructions)

Command	Description
FROM	Specifies the base image to use. (Mandatory as the first instruction)
LABEL	Adds metadata to the image (e.g., maintainer, version).
ENV	Sets environment variables.
RUN	Executes a command during image build (e.g., install packages).
CMD	Sets the default command to run when container starts (overridden at runtime).
ENTRYPOINT	Sets the main command to run — more strict than CMD.
COPY	Copies files/folders from the host into the container.
ADD	Like COPY, but also supports remote URLs and auto-extracts .tar files.
WORKDIR	Sets the working directory for subsequent commands (RUN, CMD, etc.).
EXPOSE	Documents the port the container listens on (does not publish it).
VOLUME	Creates a mount point and marks it as a volume.
USER	Sets the username or UID to run the container under.
ARG	Defines build-time variables (used with --build-arg).
ONBUILD	Sets a trigger instruction to run when the image is used as a base.
SHELL	Overrides the default shell used for the RUN command.
HEALTHCHECK	Defines a command to check container health status.
STOPSIGNAL	Sets the system call signal to stop the container.