Dockerfile - ENTRYPOINT

We will use ENTRYPOINT to change the default shell command into another command

# Step1: Create Build Repository

Create a directory called "entrypoint":

# Step2: Create the Dockerfile

Create a Dockerfile that

- Uses the alpine image as a base image

- Defines you as the author

- changes the entrypoint to the "echo” and displays HELLO

- And uses the CMD instruction to additionally show WORLD

Note: Output must be HELLO WORLD (not echo HELLO WORLD or HELLO echo WORLD)

Dockerfile:

| FROM alpine:latest  LABEL author="Rodzers Usackis <rodzers.usackis@student.kdg.be>"  ENTRYPOINT ["/bin/echo", "Hello"]  CMD ["World"] |
| --- |

# Step3: Build the Container

Enter the directory with the Dockerfile:

$ docker build -t entrypoint .

# Step4: Run the Container

When you run the container, you should see the following output:

HELLO WORLD

Modify the run instruction (not the Dockerfile!) so that the output is instead:

HELLO FROM ME

Note: A CMD instruction can be considered a default argument to ENTRYPOINT, if both are defined in a Dockerfile. Like any default argument, this can be overridden.

Run instruction:

| $ docker run a4bfa  $ docker run a4bfa “From Me” |
| --- |