

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun**

# Docker

**Experiment**

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**Experiment- 9**

**Docker Ignore**

Create a Dockerfile and add the following code:

FROM alpine

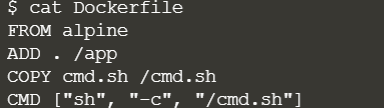
ADD . /app

COPY cmd.sh /cmd.sh

CMD ["sh", "-c", "/cmd.sh"]

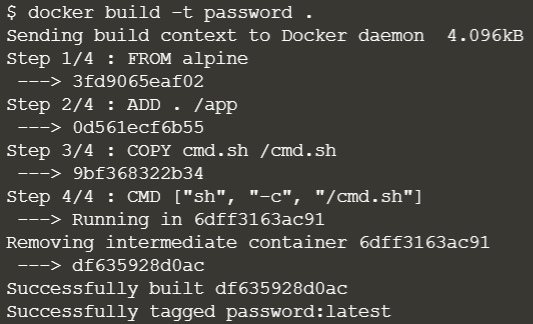
To view this file type

$ cat Dockerfile



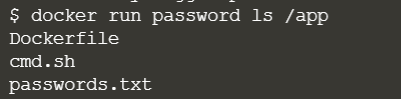
Build an image named password

$ docker build –t password.



Look at the output using

$ docker run password ls /app



To ignore a file we name that file in .dockerignore.

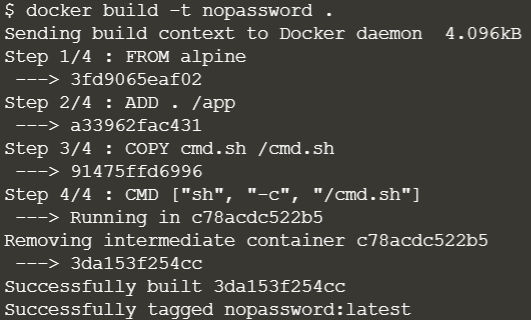
Now to ignore a file let say ‘password.txt’

$ echo passwords.txt >> .dockerignore



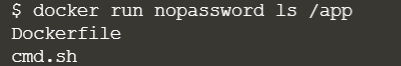
Build the image, because of the Docker Ignore file it shouldn't include the passwords file.

$ docker built –t nopassword .



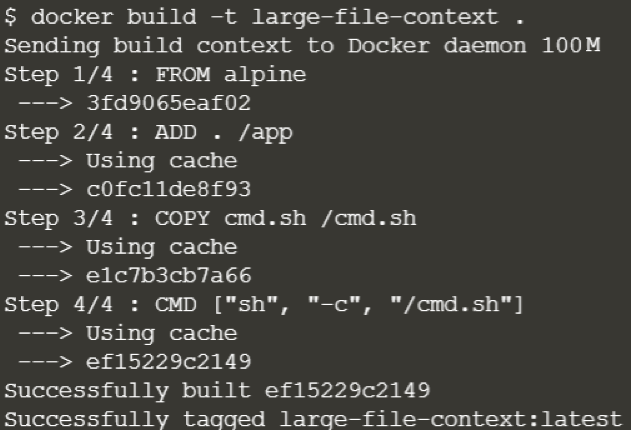
Look at the output using

$ docker run nopassword ls /app



You can see a 100M impact by executing following command

$ docker build –t large-file-context



To reduce size we will ignore big file

$ echo big-temp-file.img >> .dockerignore

$ docker build –t no-large-file-context .

