

Lab 9 | Docker Ignore

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Whenever we don't want to share any files or build them on docker, then we can put them on dockerfile and then they will not be pushed in to images.

```
$ docker build -t password .
Sending build context to Docker daemon 4.096kB
Step 1/4 : FROM alpine
--> 11cd0b38bc3c
Step 2/4 : ADD . /app
--> 47dbee73ace2
Step 3/4 : COPY cmd.sh /cmd.sh
--> b9443ee6a59b
Step 4/4 : CMD ["sh", "-c", "/cmd.sh"]
--> Running in 07a0f56d2f11
Removing intermediate container 07a0f56d2f11
--> 1cb326265318
Successfully built 1cb326265318
Successfully tagged password:latest
$ docker run password ls /app
Dockerfile
cmd.sh
passwords.txt
```

```
$ echo passwords.txt >> .dockerignore
```

```
$ docker build -t nopassword .
Sending build context to Docker daemon 4.096kB
Step 1/4 : FROM alpine
--> 11cd0b38bc3c
Step 2/4 : ADD . /app
--> 40b1b334ef39
Step 3/4 : COPY cmd.sh /cmd.sh
--> 02cf182cf39d
Step 4/4 : CMD ["sh", "-c", "/cmd.sh"]
docker run nopassword ls /app
--> Running in 195e8f1e639c
Removing intermediate container 195e8f1e639c
--> 793e49fa8cfb
Successfully built 793e49fa8cfb
Successfully tagged nopassword:latest
```

```
$ docker run nopassword ls /app
Dockerfile
cmd.sh
$ docker build -t large-file-context .
Sending build context to Docker daemon 4.096kB
Step 1/4 : FROM alpine
--> 11cd0b38bc3c
Step 2/4 : ADD . /app
--> Using cache
--> 40b1b334ef39
Step 3/4 : COPY cmd.sh /cmd.sh
--> Using cache
--> 02cf182cf39d
Step 4/4 : CMD ["sh", "-c", "/cmd.sh"]
--> Using cache
--> 793e49fa8cfb
Successfully built 793e49fa8cfb
Successfully tagged large-file-context:latest
```

```
$ echo big-temp-file.img >> .dockerignore
$ docker build -t no-large-file-context .
Sending build context to Docker daemon 4.096kB
Step 1/4 : FROM alpine
--> 11cd0b38bc3c
Step 2/4 : ADD . /app
--> 656905b15788
Step 3/4 : COPY cmd.sh /cmd.sh
--> 52aa27e2da0e
Step 4/4 : CMD ["sh", "-c", "/cmd.sh"]
--> Running in 2f0042745d82
Removing intermediate container 2f0042745d82
--> 2d66bb798e5c
Successfully built 2d66bb798e5c
Successfully tagged no-large-file-context:latest
```