

# DOCKER - E2

## 1. Download and run version 2.4.54-alpine of the web server to access the Apache server via port 8080.

```
docker run -d -p 8080:80 httpd:2.4.54-alpine
```

```
root@christianms13:~# docker run -d -p 8080:80 httpd:2.4.54-alpine
Unable to find image 'httpd:2.4.54-alpine' locally
2.4.54-alpine: Pulling from library/httpd
8921db27df28: Already exists
f2a34d2799ed: Pull complete
f404b93686e0: Pull complete
0fd3f8de080b: Pull complete
78172ca4b2d9: Pull complete
1eb322ae2606: Pull complete
Digest: sha256:3e28d0745563a7033c5d6db21a8681ecf64bdc765354d86d9181be613cd8bf32
Status: Downloaded newer image for httpd:2.4.54-alpine
1ba9e139f715b5867fa3ddbcbccdeded0fa3ece003de8dfb945491afc2269d366f
root@christianms13:~# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nginx	latest	a99a39d070bf	12 days ago	142MB
node	19-alpine	17299c0421ee	2 weeks ago	176MB
httpd	2.4.54-alpine	ce10bb9ec184	2 weeks ago	56.9MB
ubuntu	18.04	e28a50f651f9	3 weeks ago	63.1MB

```
root@christianms13:~# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
1ba9e139f715	httpd:2.4.54-alpine	"httpd-foreground"	16 seconds ago	Up 14 seconds	0.0.0.0:8080->80/tcp	pedantic_mcclintock

```
docker rename pedantic_mcclintock webapache
```

```
root@christianms13:~# docker rename pedantic_mcclintock webapache
```

## 2. Access the "webapache" terminal. Locate the default directory where the welcome file is saved. Create a directory called "backupweb" and make a copy of the default page in this directory.

```
docker exec -it webapache sh
```

```
root@christianms13:~# docker exec -it webapache sh
/usr/local/apache2 #
```

```
cd /usr/local/apache2/htdocs
```

```
ls -la
```

```
/ # cd usr/local/apache2/htdocs/  
/usr/local/apache2/htdocs # ls -la  
total 16  
drwxr-xr-x    2 root    root    4096 Jan  9 18:26 .  
drwxr-xr-x    1 www-data www-data 4096 Jan  9 18:26 ..  
-rw-r--r--    1 504      dialout  45 Jun 11 2007 index.html
```

```
mkdir backupweb
```

```
cp index.html backupweb/index_copy.html
```

```
/usr/local/apache2/htdocs # mkdir backupweb  
/usr/local/apache2/htdocs # cp index.html backupweb/index_copy.html
```

3. Exit the "webapache" docker terminal. Locate a complete static project where you have your html works, styles, etc... Copy all the content of this website in the "webapache" container so that we can view the content of our website on the apache server.

```
docker cp . webapache:/usr/local/apache2/htdocs
```

```
root@christianms13:/mnt/c/Users/chris/Documents/DAW/lenguajes_de_marcas/fin_1er_trimestre# docker cp . webapache:/usr/local/apache2/htdocs
```

4. To see if it works, stop the container and then start it again. Visit in a browser the address "localhost:8080".

