

## 5-volumes

```
assem@Assem:~/Projects/software-architecture$ sudo docker run --rm -d --name apache -p 80:80 httpd:2.4
Unable to find image 'httpd:2.4' locally
2.4: Pulling from library/httpd
c229119241af: Pull complete
1805d911aae4: Pull complete
e3709b515d9c: Pull complete
4f53b8f15873: Pull complete
3b60f356ab85: Pull complete
Digest: sha256:e3c40b99ffa305c6e52346a6618b1fb47ea0568c999b26f8900cd26febab1160
Status: Downloaded newer image for httpd:2.4
34d906382cf56f52f2165576083645ef54ce3762000a618fab78c40de9a34a71
assem@Assem:~/Projects/software-architecture$ curl localhost
<html><body><h1>It works!</h1></body></html>
assem@Assem:~/Projects/software-architecture$ sudo docker cp index.html apache:/usr/local/apache2/htdocs/
lsstat /home/assem/Projects/software-architecture/index.html: no such file or directory
assem@Assem:~/Projects/software-architecture$ sudo docker stop apache
apache
assem@Assem:~/Projects/software-architecture$ docker run --rm -d --name apache -p 80:80 httpd:2.4
docker: Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1
24/containers/create?name=apache": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
assem@Assem:~/Projects/software-architecture$ sudo docker run --rm -d --name apache -p 80:80 httpd:2.4
fe89307c73ee9d682ec8d3330c06bafa7035e2b995c7cab2b2d8bec32cfbc6b3
assem@Assem:~/Projects/software-architecture$ curl localhost
<html><body><h1>It works!</h1></body></html>
assem@Assem:~/Projects/software-architecture$ sudo docker volume ls
DRIVER      VOLUME NAME
local       db-data
local       erp_postgres_database
assem@Assem:~/Projects/software-architecture$ sudo docker volume create myvolume
myvolume
assem@Assem:~/Projects/software-architecture$ sudo docker volume ls
DRIVER      VOLUME NAME
local       db-data
local       erp_postgres_database
local       myvolume
assem@Assem:~/Projects/software-architecture$ sudo docker volume rm myvolume
myvolume
assem@Assem:~/Projects/software-architecture$ sudo docker volume ls
DRIVER      VOLUME NAME
local       db-data
local       erp_postgres_database
```