

DOCKER

```
julia@LAPTOP-TBL2IDQJ:/mnt/c/Users/julia/Desktop/BD/docker$ git clone https://github.com/kartoza/docker-mapserver
Cloning into 'docker-mapserver'...
remote: Enumerating objects: 231, done.
remote: Counting objects: 100% (35/35), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 231 (delta 28), reused 28 (delta 28), pack-reused 196
Receiving objects: 100% (231/231), 39.95 MiB | 8.42 MiB/s, done.
Resolving deltas: 100% (104/104), done.
julia@LAPTOP-TBL2IDQJ:/mnt/c/Users/julia/Desktop/BD/docker$ ls
```

```
julia@LAPTOP-TBL2IDQJ:/mnt/c/Users/julia/Desktop/BD/docker/docker-mapserver$ sudo docker build -t kartoza/mapserver_kartoza .
[+] Building 9.9s (5/26)
=> [internal] load build definition from Dockerfile                                0.1s
=> => transferring dockerfile: 3.43kB                                           0.0s
=> [internal] load .dockerignore                                                 0.0s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/ubuntu:focal                 1.8s
=> [internal] load build context                                                0.0s
=> => transferring context: 3.97kB                                              0.0s
=> [ 1/22] FROM docker.io/library/ubuntu:focal@sha256:450e066588f42ebe1551f3b1a535034b6aa46cd936fe7f2c6b0d72997ec61dbd 4.3s
=> => resolve docker.io/library/ubuntu:focal@sha256:450e066588f42ebe1551f3b1a535034b6aa46cd936fe7f2c6b0d72997ec61dbd 0.0s
=> => sha256:450e066588f42ebe1551f3b1a535034b6aa46cd936fe7f2c6b0d72997ec61dbd 1.42kB / 1.42kB 0.0s
=> => sha256:b25ef49a40b7797937d0d23eca3b0a41701af6757afca23d504d50826f0b37ce 529B / 529B 0.0s
=> => sha256:680e5dfb52c74a1fbc99c2922c8e25b5736e6cd1a3d9430890d52a4f8f44087a 1.46kB / 1.46kB 0.0s
=> => sha256:eaead16dc43bb8811d4ff450935d607f9ba4baffda4fc110cc402fa43f601d83 28.58MB / 28.58MB 3.3s
=> => extracting sha256:eaead16dc43bb8811d4ff450935d607f9ba4baffda4fc110cc402fa43f601d83 0.8s
=> [ 2/22] RUN apt-get -qq update --fix-missing && apt-get -qq --yes upgrade 3.6s
```

```
julia@LAPTOP-TBL2IDQJ:/mnt/c/Users/julia/Desktop/BD/docker/docker-mapserver$ sudo docker run -d -p 8182:80 --name mapserver2 kartoza/mapserver_kartoza
```

```
julia@LAPTOP-TBL2IDQJ:/mnt/c/Users/julia/Desktop/BD/docker/docker-mapserver$ sudo docker exec -it mapserver2 /bin/bash
root@a6321e05f6df:/#
```

```
root@a6321e05f6df:/# apt-get install -y postgresql-client
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  libjpeg62
```

```
root@a6321e05f6df:/# psql postgresql://postgres@host.docker.internal/cwiczenia6
psql (12.12 (Ubuntu 12.12-0ubuntu0.20.04.1), server 14.5)
WARNING: psql major version 12, server major version 14.
        Some psql features might not work.
Type "help" for help.

cwiczenia6=#
```

```
root@a6321e05f6df:/# apt install nano
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  libjpeg62
Use 'apt autoremove' to remove it.
```

```
root@a6321e05f6df:/# nano /map/dem.map
root@a6321e05f6df:/# mkdir map
root@a6321e05f6df:/# nano /map/dem.map
root@a6321e05f6df:/#
```

```

root@a6321e05f6df:/# chown -R root /map/dem.map
root@a6321e05f6df:/# ls -l
total 72
lrwxrwxrwx    1 root root    7 Oct 19 16:47 bin -> usr/bin
drwxr-xr-x    2 root root 4096 Apr 15 2020 boot
drwxr-xr-x    5 root root 340 Dec  6 20:48 dev
drwxr-xr-x    1 root root 4096 Dec  6 21:08 etc
drwxr-xr-x    2 root root 4096 Apr 15 2020 home
lrwxrwxrwx    1 root root    7 Oct 19 16:47 lib -> usr/lib
lrwxrwxrwx    1 root root    9 Oct 19 16:47 lib32 -> usr/lib32
lrwxrwxrwx    1 root root    9 Oct 19 16:47 lib64 -> usr/lib64
lrwxrwxrwx    1 root root   10 Oct 19 16:47 libx32 -> usr/libx32
drwxr-xr-x    2 root root 4096 Dec  6 21:30 map
drwxr-xr-x    2 root root 4096 Oct 19 16:47 media
drwxr-xr-x    2 root root 4096 Oct 19 16:47 mnt
drwxr-xr-x    2 root root 4096 Oct 19 16:47 opt
dr-xr-xr-x 258 root root    0 Dec  6 20:48 proc
drwx-----   1 root root 4096 Dec  6 21:08 root
drwxr-xr-x    1 root root 4096 Dec  6 20:07 run
lrwxrwxrwx    1 root root    8 Oct 19 16:47 sbin -> usr/sbin
-rwxr-xr-x    1 root root 2407 Dec  6 19:25 setup.sh
drwxr-xr-x    2 root root 4096 Oct 19 16:47 srv
dr-xr-xr-x   11 root root    0 Dec  6 20:48 sys
drwxrwxrwt    1 root root 4096 Dec  6 21:08 tmp
drwxr-xr-x    1 root root 4096 Dec  6 20:04 usr
drwxr-xr-x    1 root root 4096 Dec  6 20:03 var

```

```

root@a6321e05f6df:/# chmod -R 777 map
root@a6321e05f6df:/# ls -l
total 72
lrwxrwxrwx    1 root root    7 Oct 19 16:47 bin -> usr/bin
drwxr-xr-x    2 root root 4096 Apr 15  2020 boot
drwxr-xr-x    5 root root  340 Dec  6 20:48 dev
drwxr-xr-x    1 root root 4096 Dec  6 21:08 etc
drwxr-xr-x    2 root root 4096 Apr 15  2020 home
lrwxrwxrwx    1 root root    7 Oct 19 16:47 lib -> usr/lib
lrwxrwxrwx    1 root root    9 Oct 19 16:47 lib32 -> usr/lib32
lrwxrwxrwx    1 root root    9 Oct 19 16:47 lib64 -> usr/lib64
lrwxrwxrwx    1 root root   10 Oct 19 16:47 libx32 -> usr/libx32
drwxrwxrwx    2 root root 4096 Dec  6 21:33 map
drwxr-xr-x    2 root root 4096 Oct 19 16:47 media
drwxr-xr-x    2 root root 4096 Oct 19 16:47 mnt
drwxr-xr-x    2 root root 4096 Oct 19 16:47 opt
dr-xr-xr-x 257 root root    0 Dec  6 20:48 proc
drwx-----   1 root root 4096 Dec  6 21:08 root
drwxr-xr-x    1 root root 4096 Dec  6 20:07 run
lrwxrwxrwx    1 root root    8 Oct 19 16:47 sbin -> usr/sbin
-rwxr-xr-x    1 root root 2407 Dec  6 19:25 setup.sh
drwxr-xr-x    2 root root 4096 Oct 19 16:47 srv
dr-xr-xr-x   11 root root    0 Dec  6 20:48 sys
drwxrwxrwt    1 root root 4096 Dec  6 21:08 tmp
drwxr-xr-x    1 root root 4096 Dec  6 20:04 usr
drwxr-xr-x    1 root root 4096 Dec  6 20:03 var

```

← → ↺ ① localhost:8182/cgi-bin/mapserv?map=/map/dem.map&mode=browse&template=openlayers&layers=all

