

```
postgres@LAPTOP-RH9QN081:~$ history
 1 git clone https://github.com/kartoza/docker-mapserver
 2 ls
 3 cd docker-mapserver/
```

```
 7 sudo apt-get update
 8 sudo apt-get install ca-certificates curl gnupg
 9 sudo install -m 0755 -d /etc/apt/keyrings
10 curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
11 ls
12 sudo chmod a+r /etc/apt/keyrings/docker.gpg
13 echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu \
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
14 sudo apt-get update
15 sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
16 sudo docker run hello-world
```

```
42 dos2unix setup.sh
43 docker build -t kartoza/mapserver_kartoza .
44 ./setup.sh
45 sudo chmod 777 /var/run/docker.sock
46 docker build -t kartoza/mapserver_kartoza .
47 apt-get install wget ca-certificates
48 yes
49 apt-get install wget ca-certificates
50 wget --quiet -O - https://www.postgresql.org/media/keys/ACCC4CF8.asc | sudo apt-key add -
51
```

```
map snap
root@LAPTOP-RH9QN081:~# history
 1 apt-get install wget ca-certificates
 2 wget --quiet -O - https://www.postgresql.org/media/keys/ACCC4CF8.asc | sudo apt-key add -
 3 sh -c 'echo "deb http://apt.postgresql.org/pub/repos/apt/ `lsb_release -cs`-pgdg main" >> /etc/apt/sources.list.d/pgdg.list'
 4 apt-get update
 5 apt-get install postgresql-client
 6 sudo docker run -d -p 8182:80 --name mapserver2 -v `pwd`/map:/map kartoza/mapserver_kartoza
 7 sudo docker exec -it mapserver2 /bin/bash
```

```
root@LAPTOP-RH9QN081:~# sudo docker run -d -p 8182:80 --name mapserver2 -v `pwd`/map:/map kartoza/mapserver_kartoza
b06d14418f20674
root@LAPTOP-RH9QN081:~# sudo docker exec -it mapserver2 /bin/bash
```

```
root@LAPTOP-RH9QN081:~# apt-get install postgresql-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
postgresql-client is already the newest version (16+256.pgdg22.04+1).
0 upgraded, 0 newly installed, 0 to remove and 107 not upgraded.
root@LAPTOP-RH9QN081:~#
```

```
root@b58825791fea: /
root@b58825791fea:/# apt-get update
Get:1 http://archive.ubuntu.com/ubuntu focal InRelease [265 kB]
Get:2 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [1275 kB]
Get:6 http://archive.ubuntu.com/ubuntu focal/restricted amd64 Packages [33.4 kB]
Get:7 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [177 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [11.3 MB]
Get:9 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [3212 kB]
Get:10 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [1130 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [3712 kB]
Get:12 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [32.0 kB]
Get:13 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [1434 kB]
Get:14 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [55.2 kB]
Get:15 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [28.6 kB]
Get:16 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [3224 kB]
Get:17 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [29.3 kB]
Get:18 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [3062 kB]
Fetched 29.3 MB in 2s (12.7 MB/s)
Reading package lists... Done
root@b58825791fea:/# apt-get install 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
Use 'apt autoremove' to remove it.
The following additional packages will be installed:
  postgresql-client-12 postgresql-client-common
```

```
Setting up postgresql-client (12+214ubuntu0.1) ...
Processing triggers for man-db (2.9.1-1) ...
root@b58825791fea:/# psql postgres://postgres:Kinga2001.@172.18.208.1:5434/cw6
psql: error: could not connect to server: Connection timed out
        Is the server running on host "172.18.208.1" and accepting
        TCP/IP connections on port 5434?
```

```
MAP
NAME 'map'
SIZE 800 650
STATUS ON
EXTENT -58968 145487 30916 206234
UNITS METERS
WEB
METADATA
'wms_title' 'Terrain wms'
'wms_srs' 'EPSG:3763 EPSG:4326 EPSG:3857'
'wms_enable_request' '*'
'wms_onlineresource' 'http://54.37.13.53/mapservices/srtm'
END
END
PROJECTION
'init=epsg:3763'
END
LAYER
NAME srtm
TYPE raster
STATUS OFF
DATA "PG:host=172.18.208.1 port=5434 dbname='cw6' user='postgres' password='Kinga2001.' schema='rasters' table='dem' _mode='2'"
PROCESSING "SCALE=AUTO"
PROCESSING "NODATA=-32767"
OFFSITE 0 0 0
METADATA
'wms_title' 'srtm'
END
END
END
~
~
"/map/dem.map" 30L, 561C
apt-get install vim
```



