

git clone https://github.com/kartoza/docker-mapserver

docker build -t kartoza/mapserver\_kartoza .

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An image is a read-only template with instructions for creating a Docker container. [Learn more](#)

**LOCAL** REMOTE REPOSITORIES

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<input type="checkbox"/>	NAME	TAG	STATUS	CREATED	SIZE	ACTIONS
<input type="checkbox"/>	<b>kartoza/mapserver_kartoza</b> 7c686f64010f	latest	<a href="#">In use</a>	about 14 hours ago	2.58 GB	

```
$ docker run -d -p 8182:80 --name mapserver2 kartoza/mapserver_kartoza
470de3332c063b5275558be2a2cc0bec54216e11d660f8d5b9014a3a016c5a2a
```

**Containers** [Give feedback](#)

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)

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<input type="checkbox"/>	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	<b>mapserver2</b> 470de3332c06	<a href="#">kartoza/mapserver_kartoza:late</a>	Running	<a href="#">8182:80</a>	44 minutes ago	

```
$ winpty docker exec -it mapserver2 ./bin/bash
root@470de3332c06:/# ls -la
total 76
drwxr-xr-x  1 root root 4096 Dec  6 11:07 .
drwxr-xr-x  1 root root 4096 Dec  6 11:07 ..
-rwxr-xr-x  1 root root    0 Dec  6 11:07 .dockerenv
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 11:07 dev
drwxr-xr-x  1 root root 4096 Dec  6 11:07 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 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 244 root root    0 Dec  6 11:07 proc
drwx-----  1 root root 4096 Dec  5 21:11 root
drwxr-xr-x  1 root root 4096 Dec  4 17:57 run
lrwxrwxrwx  1 root root    8 Oct 19 16:47 sbin -> usr/sbin
-rwxr-xr-x  1 root root 2407 Dec  5 20:59 setup.sh
drwxr-xr-x  2 root root 4096 Oct 19 16:47 srv
dr-xr-xr-x 11 root root    0 Dec  6 11:07 sys
drwxrwxrwt  1 root root 4096 Dec  6 11:07 tmp
drwxr-xr-x  1 root root 4096 Dec  4 17:53 usr
drwxr-xr-x  1 root root 4096 Dec  4 17:52 var
```

```
apt-get install -y postgresql-client
```

```
psql postgresql://postgres:*****@host.docker.internal/project
```

```
project=# \dt
          List of relations
 Schema |          Name          | Type  | Owner
-----+-----+-----+-----
 public | iso_metadata            | table | postgres
 public | iso_metadata_reference  | table | postgres
 public | spatial_ref_sys         | table | postgres
 public | tmp_out                 | table | postgres
(4 rows)

project=#
```

```
apt-get update
```

```
apt-get install vim
```

```
mkdir map
```

```
cd map
```

```
vim dem.map
```

```
root@470de3332c06:/map# ls -la
total 12
drwxr-xr-x 2 root root 4096 Dec  6 12:10 .
drwxr-xr-x 1 root root 4096 Dec  6 12:08 ..
-rwxrwxrwx 1 root root  571 Dec  6 12:10 dem.map
root@470de3332c06:/map#
```

