

# Развертывание postgres с помощью докер.

1. создадим контейнер с помощью команды

```
docker run --name habr-pg-13.3 -p 5432:5432 -e POSTGRES_USER=habrpguser -e POSTGRES_PASSWORD=pgpwd4habr -e POSTGRES_DB=habrdb -d postgres:13.3
```



```
C:\Users\nikit\gerzen\Dos>docker run --name habr-pg-13.3 -p 5432:5432 -e POSTGRES_USER=habrpguser -e POSTGRES_PASSWORD=pgpwd4habr -e POSTGRES_DB=habrdb -d postgres:13.3
Unable to find image 'postgres:13.3' locally
13.3: Pulling from library/postgres
33847f688f63: Pull complete
1b09e96014b3: Pull complete
eb49b6d9d1f3: Pull complete
6057eb78d2d4: Pull complete
f92d870e2c4f: Pull complete
803847575a18: Pull complete
475945131fa9: Pull complete
6842b5a6607d: Pull complete
cfe883b776dc: Pull complete
61af04e5c3eb: Pull complete
4e9965ae9062: Pull complete
7b9708b81a06: Pull complete
72127236770: Pull complete
Digest: sha256:6647385dd9ae11aa2216bf55c54d126b0a85617b3cf4039ef24e3234113588e3
Status: Downloaded newer image for postgres:13.3
b1ed798ca1238af4e3f2007a7cac2bcd.png
```

2. Подключимся к контейнеру через docker desktop и подключимся к нашей бд

```
# psql -U habrpguser -d habrdb
psql (13.3 (Debian 13.3-1.pgdg100+1))
Type "help" for help.
```

ce8574092937913690445d204da08675.png

```
habrdb=# create table nikita(id INT, name VARCHAR(255), second_name VARCHAR(255));
CREATE TABLE
habrdb=# insert into nikita VALUES(1, 'nikita', 'makoveev')
habrdb=# select * from nikita;
ERROR: syntax error at or near "select"
LINE 2: select * from nikita;
        ^

habrdb=# insert into nikita VALUES(1, 'nikita', 'makoveev');;
INSERT 0 1
habrdb=# select * from nikita;
 id | name  | second_name
-----+-----+-----
  1 | nikita | makoveev
(1 row)
```

3d69153d93a69803bbfc5368303a0972.png

Как видно базавая бд развернута на компьютере.