Pull VoltDB: “docker pull voltdb/voltdb-community”

```
Try the new cross-platform PowerShell https://aka.ms/pscore6

Windows PowerShell
e082d4499130: Downloading [===>                                               ]  5.243MB/67.15MB
605bedb613f5: Download complete
2a5d031e53ca: Download complete
75f636a0b7e8: Pulling fs layer
2cada21a62f0: Pulling fs layer
3f54a218d5fe: Pulling fs layer
08485355b0f2: Downloading [>                                                  ]  1.049MB/85.5MB
1456d810d42e: Download complete
75f636a0b7e8: Downloading [====>                                              ]  10.49MB/111.3MB

3f54a218d5fe: Downloading [=>                                                 ]  4.194MB/111.3MB
08485355b0f2: Downloading [=>                                                 ]  2.097MB/85.5MB
```

Create Network:

```
PS C:\Users\rbura> docker network create voltLocalCluster
>>
8f2696905f9db3adf57888070daaf16ba778b512d101d458a6c3153a4ff30727
PS C:\Users\rbura>
```

Run VoltDB:

```
PS C:\Users\rbura> docker run -P -e HOST_COUNT=1 -e HOSTS=node1 --name=node1 --network=voltLocalCluster voltdb/voltdb-community:latest
>>
Run voltdb init -C /opt/voltdb/deployment.xml -D /var/voltdb/
When using the INIT command, some deployment file settings (hostcount and voltdbroot path) are ignored
Initialized VoltDB root directory /var/voltdb/voltdbroot
Run voltdb start  -c 1 -H node1 -D /var/voltdb/ --ignore=thp
Initializing VoltDB...

 _    __    ____  ____  ____
| |  / /___  / / /_/ __ \/ __ )
| | / / __ \/ / __/ / / / __  |
| |/ / /_/ / / /_/ /_/ / /_/ /
```

```
PS C:\Users\rbura> docker exec -it node1 bash
>>
root@e04b847ab88d:/opt/voltdb#
```

Create Simple Database Table named mth3902:

```
SQL Command :: localhost:21212
1> create table mth3902 (
  2>     id bigint not null,
  3>     start_date_epoch bigint,
  4>     create_user varchar(32),
  5>     constraint mth3902_pk primary key(id)
  6> );
Command succeeded.
7>
```

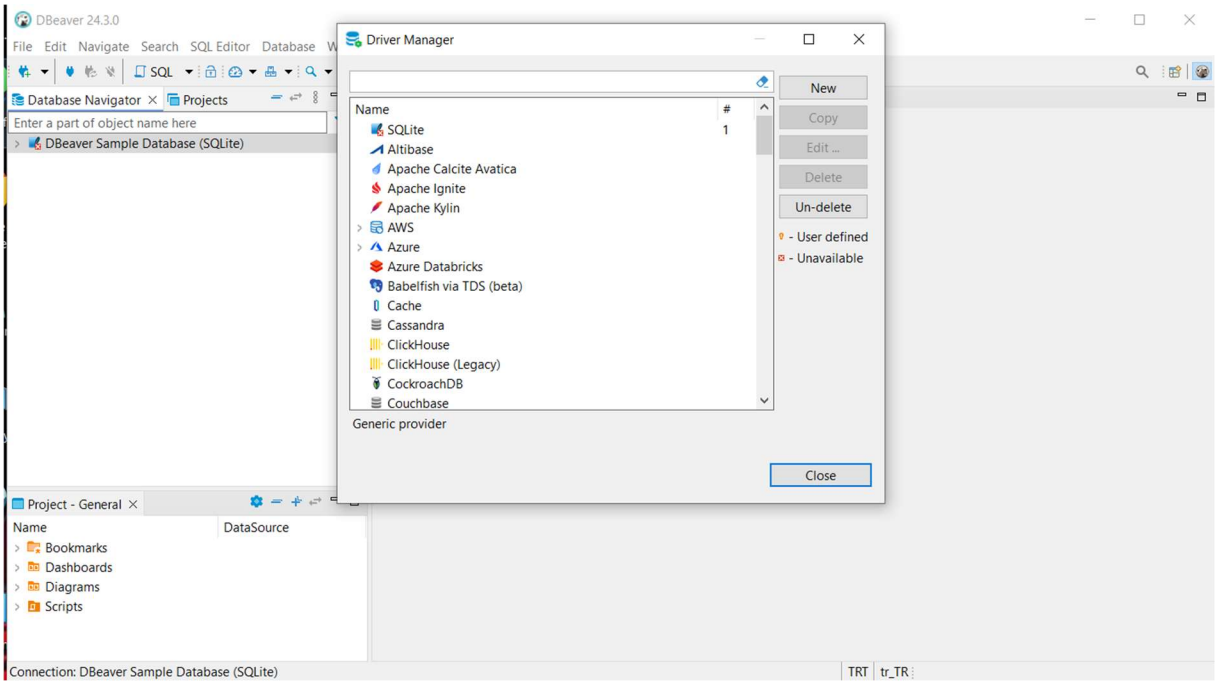
```
Command succeeded.
7> partition table mth3902 on column id;
Command succeeded.
8> insert into mth3902 (id, start_date_epoch, create_user) values (1, 1698295044, 'BURAK');
(Returned 1 rows in 0.05s)
9> insert into mth3902 (id, start_date_epoch, create_user) values (2, 1698295088, 'BEGUM');
(Returned 1 rows in 0.00s)
10> select * from mth3902 limit 1;
ID  START_DATE_EPOCH  CREATE_USER
--- ----------------- ------------
  1        1698295044 BURAK

(Returned 1 rows in 0.03s)
11>
```

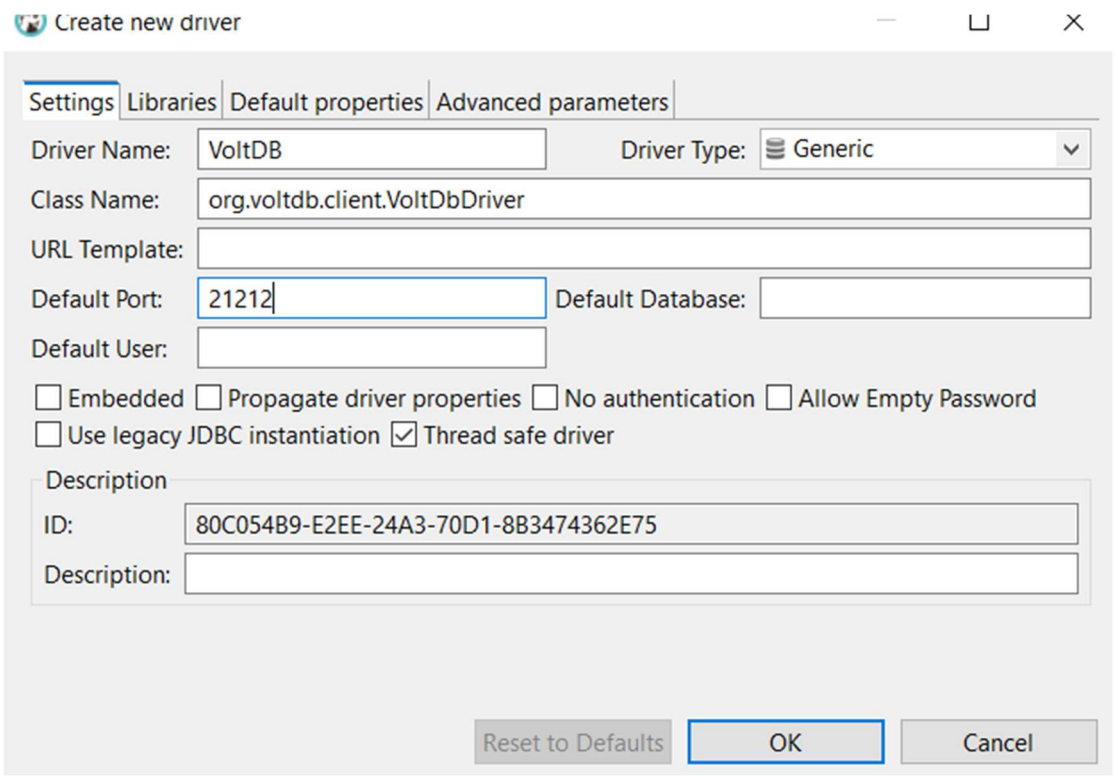

```
Command succeeded.
7> partition table mth3902 on column id;
Command succeeded.
8> insert into mth3902 (id, start_date_epoch, create_user) values (1, 1698295044, 'BURAK');
(Returned 1 rows in 0.05s)
9> insert into mth3902 (id, start_date_epoch, create_user) values (2, 1698295088, 'BEGUM');
(Returned 1 rows in 0.00s)
10> select * from mth3902 limit 1;
ID  START_DATE_EPOCH  CREATE_USER
--- ----------------- ------------
  1        1698295044 BURAK

(Returned 1 rows in 0.03s)
11>
```

Dbeaver PART:

First install Dbeaver: https://dbeaver.io/download/

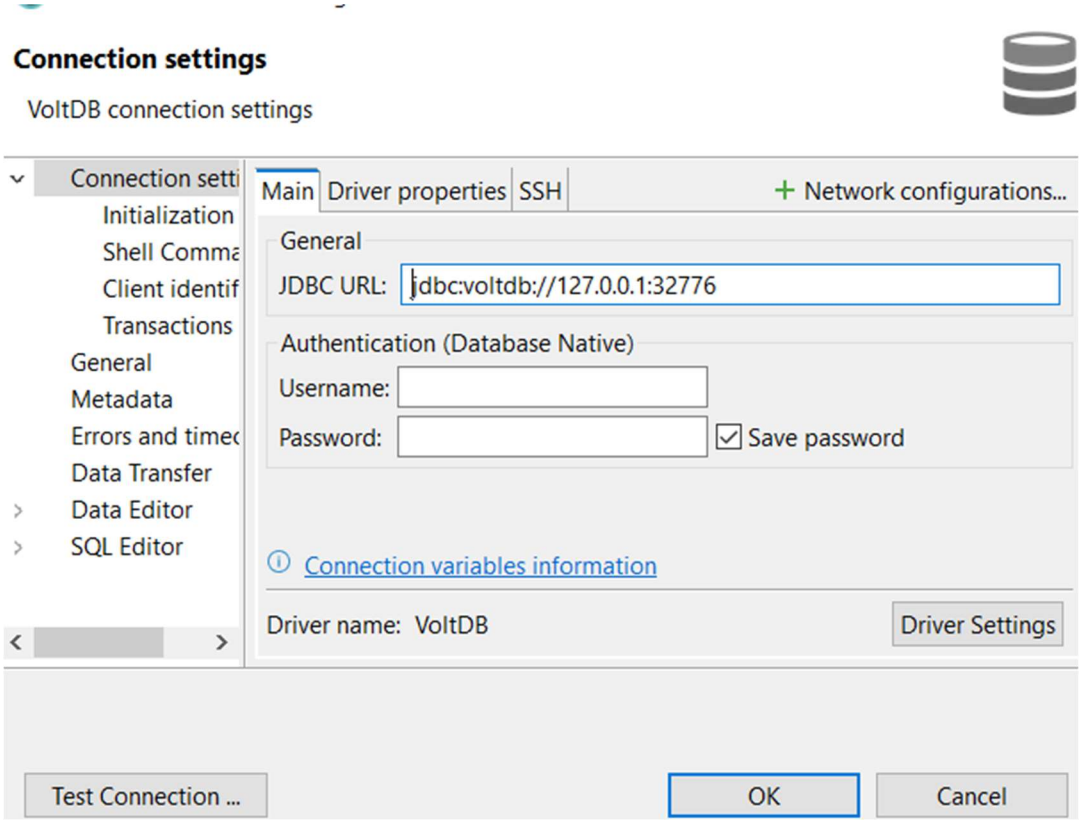
Add driver:



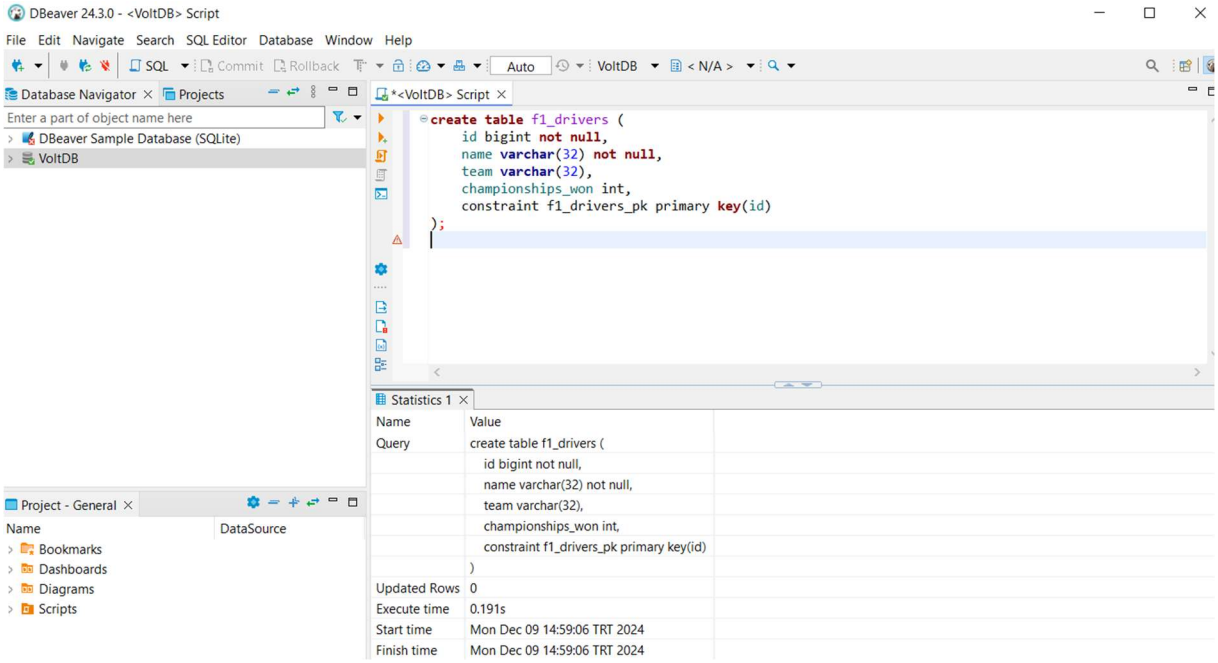


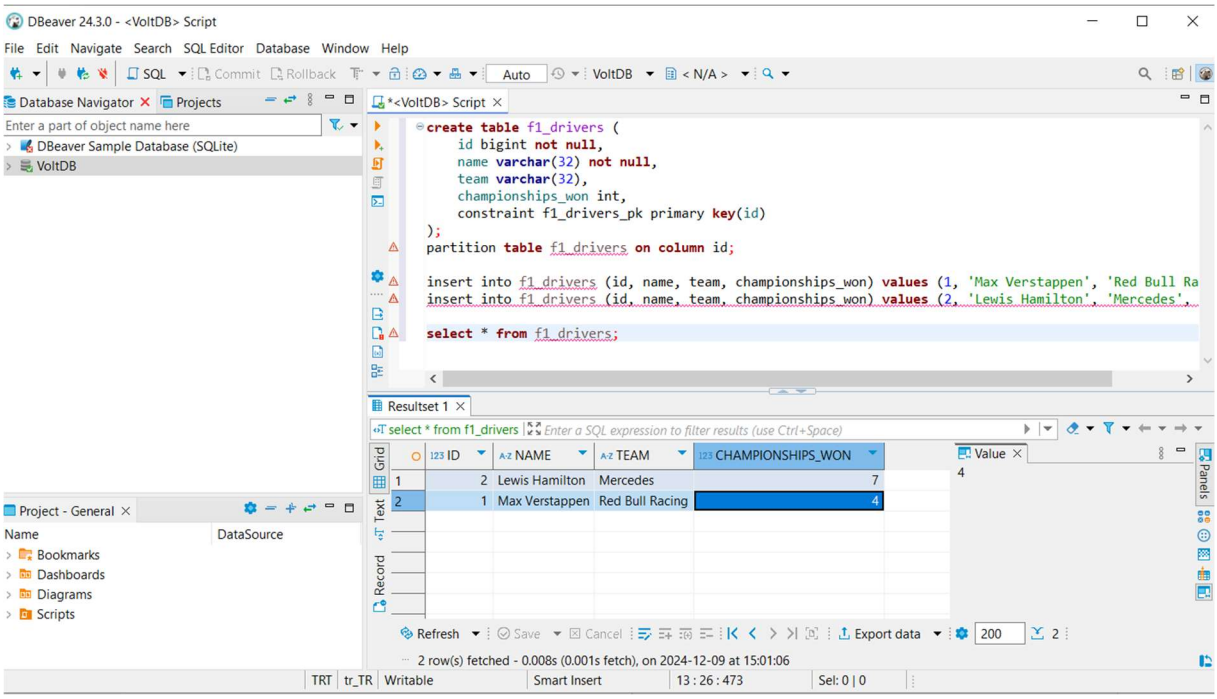
Download VoltDB client jar from maven repo:

https://mvnrepository.com/artifact/org.voltdb/voltdbclient

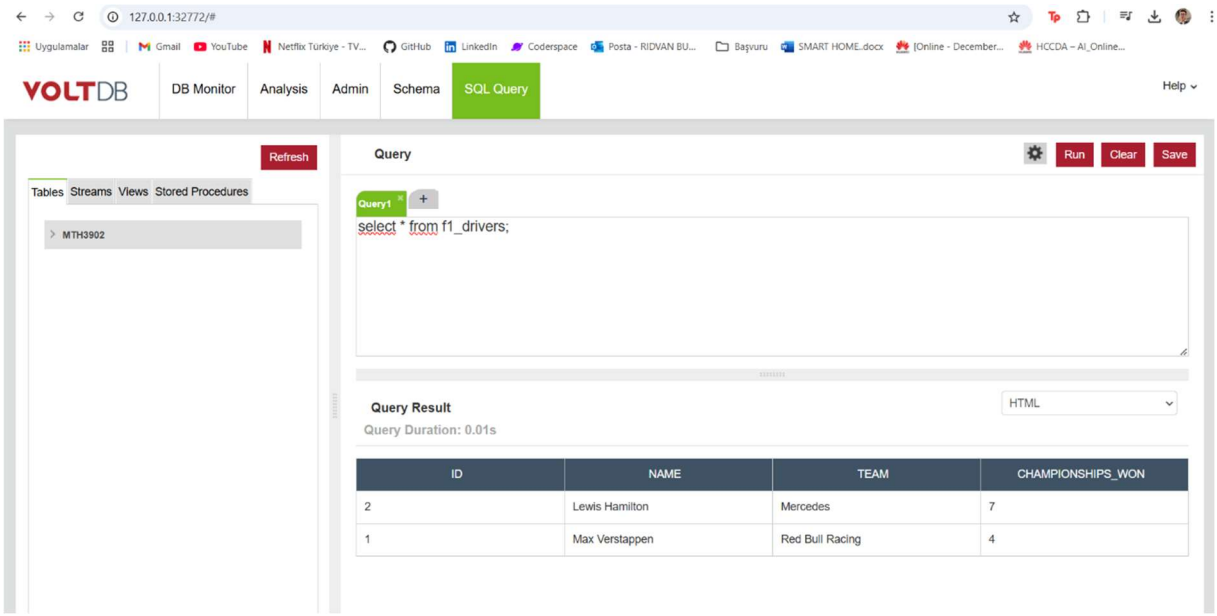


Creating simple F1 table:





After that, run on local VoltDB UI.



You can see also the mth3902 table that we created in command line before: