



# Etat Avancement 09/03/2022

|           |                         |
|-----------|-------------------------|
| 🕒 Created | @March 9, 2022 10:35 AM |
| 🏷 Tags    |                         |
| 📅 Date    | @February 1, 2022       |
| ✅ Done    | ✅                       |

`sudo mount / -o rw,remount #Accès RW`

configuration adresse ip statique : dans `/etc/dhcpd.conf`

```
interface eth0
static ip_address = 192.167.137.20/24
static routers=192.168.137.1
static domain_name_servers = 8.8.8.8 8.8.4.4
```

`sudo install mariadb-server`

configuration `/etc/mysql/my.cnf` (configuration de communication distance)

```
[client-server]
port = 3306
bind-address = 192.168.137.20
```

→ SUR UNIPi (serveur) :

```
sudo mysql
```

```
CREATE USER 'Test'@'%' identified by 'test';
```

```
exit;
```

```
sudo mysql -u Test -p
```

→ COMMUNICATION côté Client (windows)

```
cd C:\xampp2\mysql\bin
```

```
mysql -u Test -p -h 192.168.137.20
```

```
mdp : test
```

```
C:\xampp2\mysql\bin>mysql -u Test -p -h 192.168.137.20
Enter password: ****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 39
Server version: 10.3.31-MariaDB-0+deb10u1 Debian 10

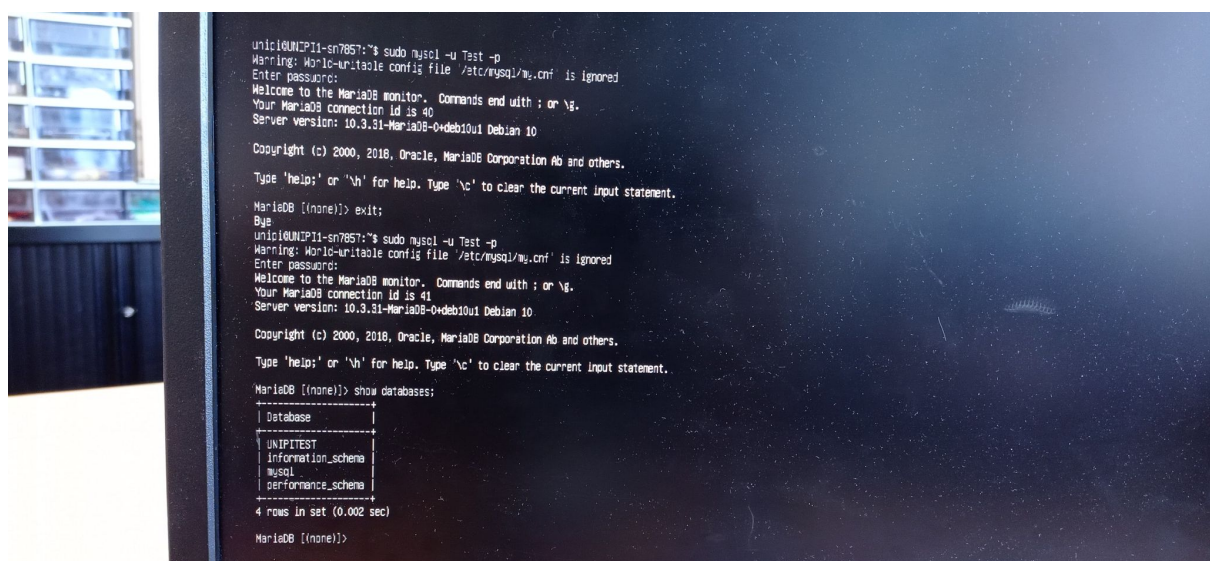
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> Create database UNIPITEST;
Query OK, 1 row affected (0.005 sec)

MariaDB [(none)]> use UNIPITEST;
Database changed
MariaDB [UNIPITEST]>
```

→ SUR UNIPi (serveur) :



```
unip1@UNIP11-sn7857:~$ sudo mysql -u Test -p
Warning: World-writable config file '/etc/mysql/my.cnf' is ignored
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 40
Server version: 10.3.31-MariaDB-0+deb10u1 Debian 10

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> exit;
Bye
unip1@UNIP11-sn7857:~$ sudo mysql -u Test -p
Warning: World-writable config file '/etc/mysql/my.cnf' is ignored
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 41
Server version: 10.3.31-MariaDB-0+deb10u1 Debian 10

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

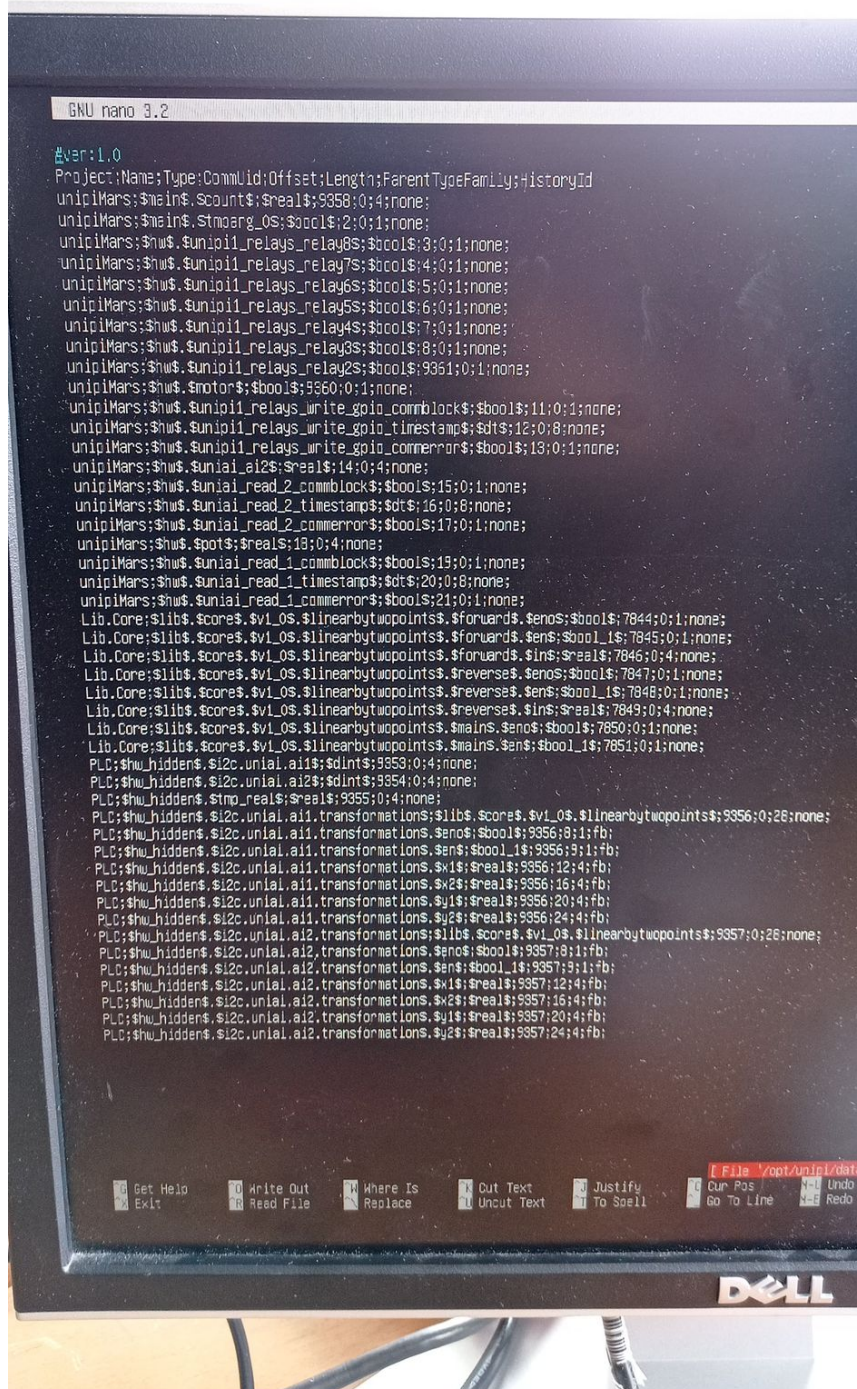
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| UNIPITEST |
| information_schema |
| mysql |
| performance_schema |
+-----+
4 rows in set (0.002 sec)

MariaDB [(none)]>
```

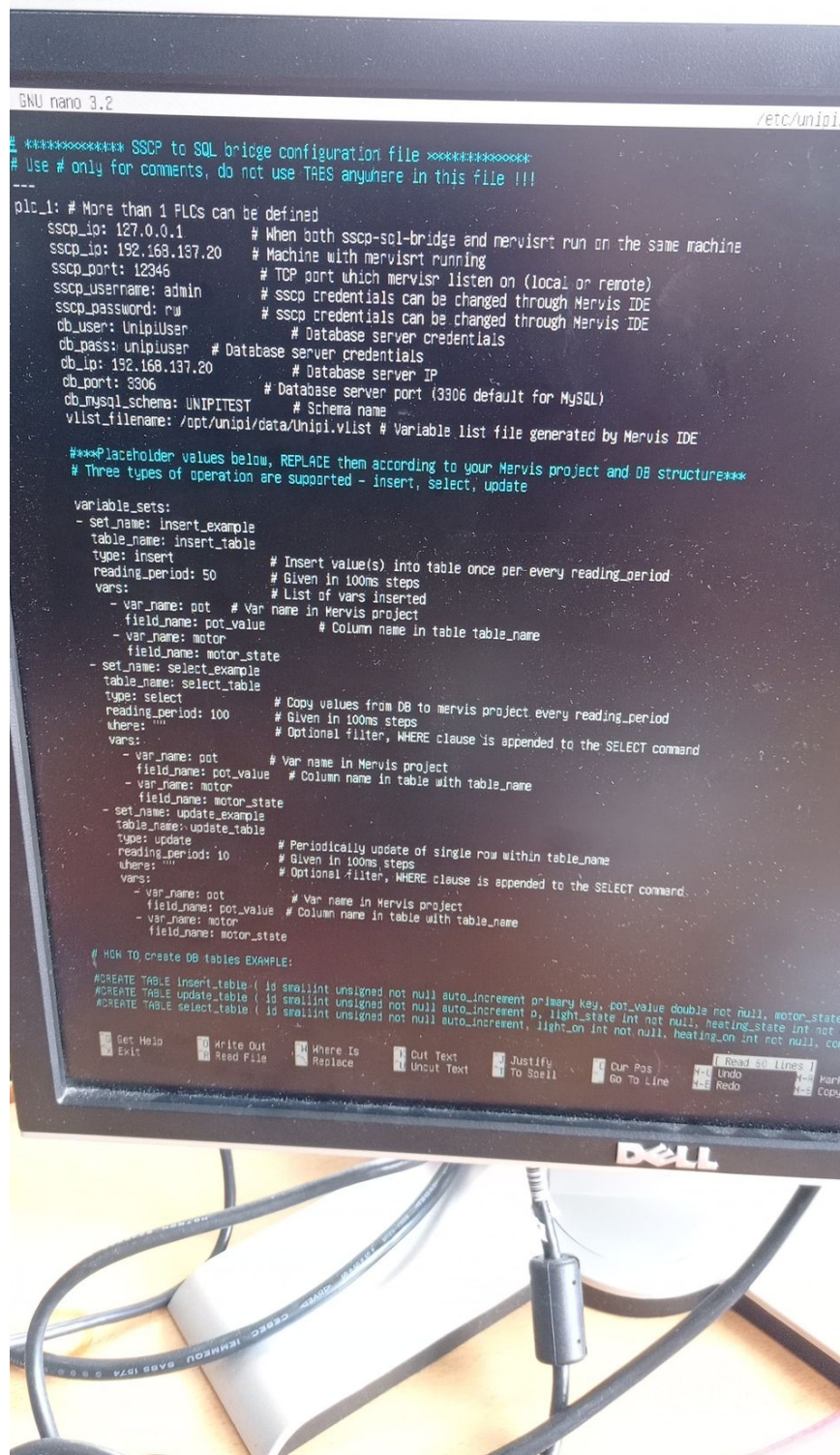
---

```
systemctl enable sscp-sql-bridge  
systemctl start sscp-sql-bridge  
cd /opt/unipi/tools  
./sscp-sql-bridge
```

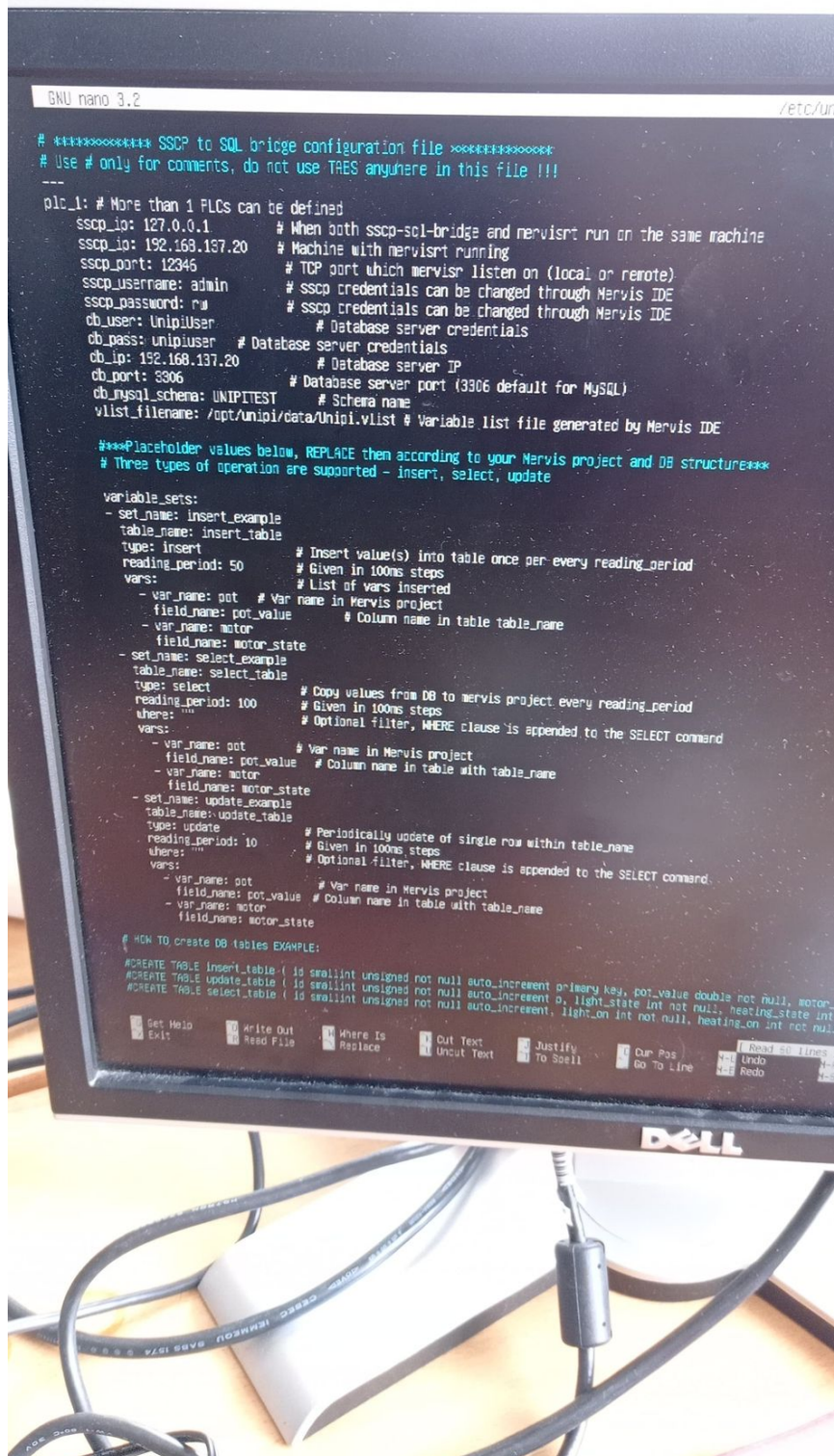


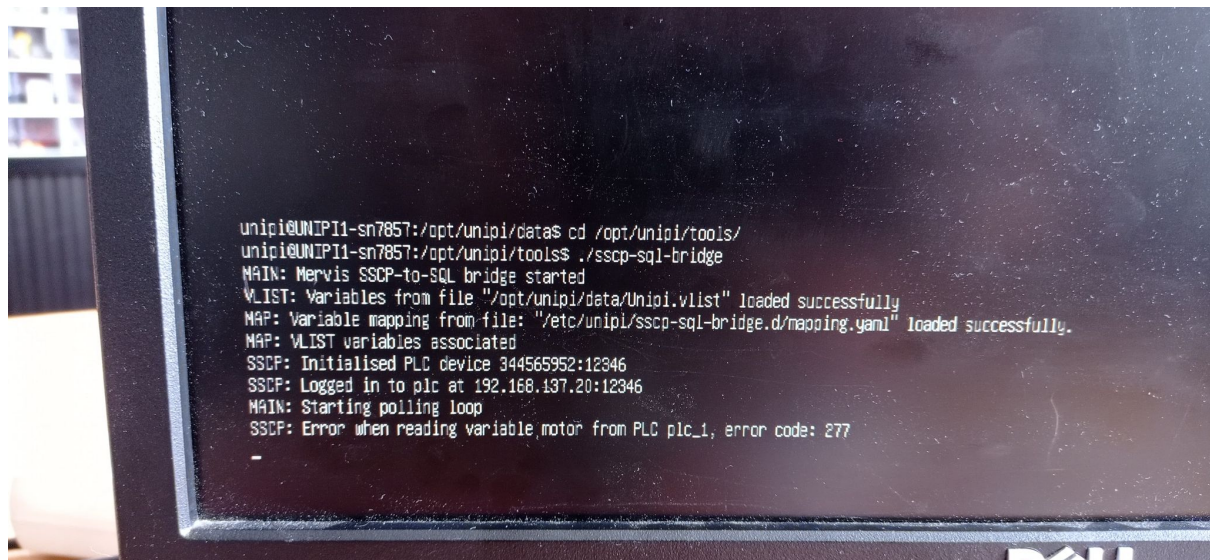












Aun niveau du client :



```
MariaDB [UNIPITEST]> select * from insert_table;
```

| id | pot_value   | motor_state |
|----|-------------|-------------|
| 1  | 1.391304    | 0           |
| 2  | 1.391304    | 0           |
| 3  | 1.391304    | 0           |
| 4  | 1.391304    | 0           |
| 5  | 1.391304    | 0           |
| 6  | 1.391304    | 0           |
| 7  | 1.391304    | 0           |
| 8  | 1.391304    | 0           |
| 9  | 1.391304    | 0           |
| 10 | 4101.652344 | 1           |
| 11 | 1457.391357 | 0           |
| 12 | 1790.087036 | 0           |
| 13 | 1997.652222 | 0           |
| 14 | 2053.478271 | 1           |
| 15 | 2051.826172 | 0           |
| 16 | 1990.782593 | 0           |
| 17 | 2048.956543 | 1           |
| 18 | 1.391304    | 0           |
| 19 | 1.391304    | 0           |
| 20 | 1.391304    | 0           |
| 21 | 1.391304    | 0           |
| 22 | 1.391304    | 0           |
| 23 | 1.391304    | 0           |
| 24 | 2631.826172 | 1           |
| 25 | 5969.913086 | 1           |
| 26 | 1372.782593 | 0           |
| 27 | 1.391304    | 0           |
| 28 | 1.304348    | 0           |
| 29 | 1.391304    | 0           |
| 30 | 1.391304    | 0           |
| 31 | 1.391304    | 0           |
| 32 | 1.391304    | 0           |
| 33 | 1.391304    | 0           |
| 34 | 3292.608643 | 1           |

```
34 rows in set (0.003 sec)
```

<https://s3-us-west-2.amazonaws.com/secure.notion-static.com/f7b43606-e485-439d-a7b4-271b6d81af2f/video-1646836054.mp4>