

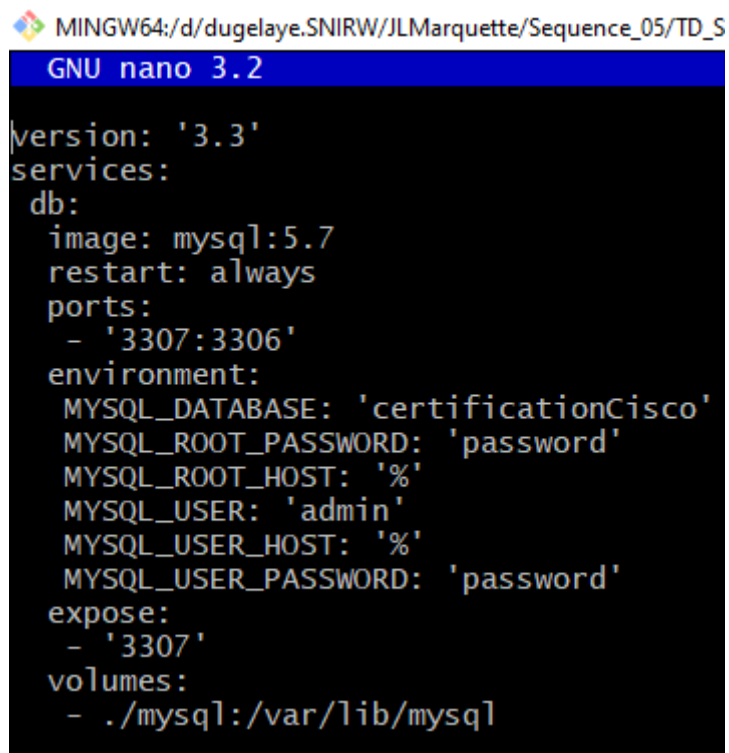
Enzo

Rapport Docker

On ouvre Git Bash en mode administrateur

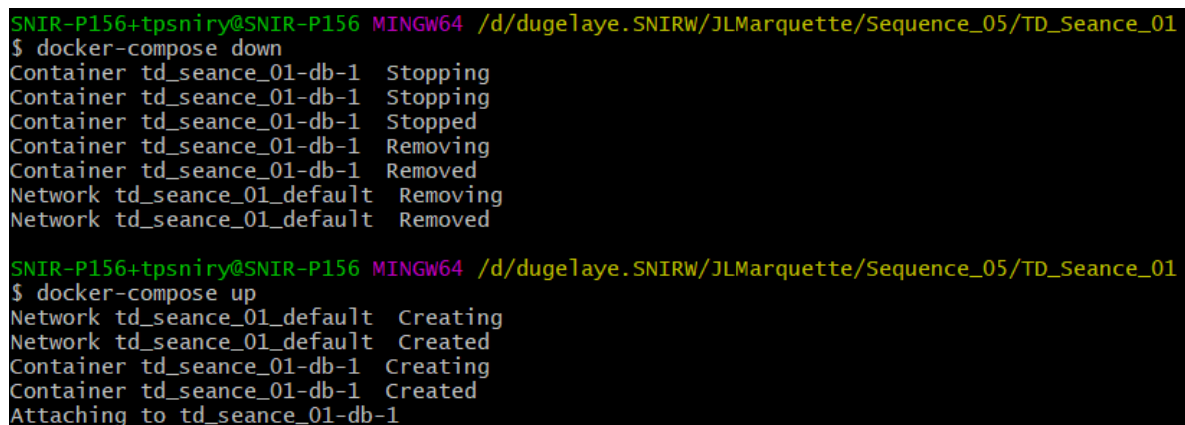
Puis on crée un fichier docker-compose.yml

Ensuite avec nano docker-compose on rentre ce texte



```
MINGW64:/d/dugelaye.SNIRW/JLMarquette/Sequence_05/TD_S
GNU nano 3.2
version: '3.3'
services:
  db:
    image: mysql:5.7
    restart: always
    ports:
      - '3307:3306'
    environment:
      MYSQL_DATABASE: 'certificationCisco'
      MYSQL_ROOT_PASSWORD: 'password'
      MYSQL_ROOT_HOST: '%'
      MYSQL_USER: 'admin'
      MYSQL_USER_HOST: '%'
      MYSQL_USER_PASSWORD: 'password'
    expose:
      - '3307'
    volumes:
      - ./mysql:/var/lib/mysql
```

On fait docker-compose down puis docker-compose up pour vérifier que tout fonctionne



```
SNIR-P156+tpsniry@SNIR-P156 MINGW64 /d/dugelaye.SNIRW/JLMarquette/Sequence_05/TD_Seance_01
$ docker-compose down
Container td_seance_01-db-1 Stopping
Container td_seance_01-db-1 Stopping
Container td_seance_01-db-1 Stopped
Container td_seance_01-db-1 Removing
Container td_seance_01-db-1 Removed
Network td_seance_01_default Removing
Network td_seance_01_default Removed

SNIR-P156+tpsniry@SNIR-P156 MINGW64 /d/dugelaye.SNIRW/JLMarquette/Sequence_05/TD_Seance_01
$ docker-compose up
Network td_seance_01_default Creating
Network td_seance_01_default Created
Container td_seance_01-db-1 Creating
Container td_seance_01-db-1 Created
Attaching to td_seance_01-db-1
```

Ensuite on doit créer une base de données, on ouvre l'invite de commande puis on récupère la base de données certificationCisco

```
Microsoft Windows [version 10.0.19042.1586]
(c) Microsoft Corporation. Tous droits réservés.

Z:\>mysql -uroot -p -P3307
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.7.37 MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

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

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| certificationCisco |
| certificationCisco |
| mysql |
| performance_schema |
| sys |
+-----+
6 rows in set (0.03 sec)

mysql> show tables;
ERROR 1846 (3D000): No database selected
mysql> user certificationCisco
-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'user certificationCisco' at line 1
mysql> use certificationCisco;
Database changed
```

On supprime étudiants dans la base de données puis on le recrée et on ajoute l'étudiant Jean-François Marquette

```
mysql> create table etudiants(
-> id smallint unsigned not null auto_increment,
-> nom char(50) not null,
-> prenom char(60) not null,
-> primary key(id)
-> )
-> ;
Query OK, 0 rows affected (0.06 sec)

mysql> alter table etudiants add
-> mail char(60);
Query OK, 0 rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table etudiants add
-> tel char(60);
Query OK, 0 rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> Insert into etudiants value (1, "MARQUETT","Jean-François","jfmarquette@yahoo.com","0611253366");
Query OK, 1 row affected (0.01 sec)

mysql> select * from etudiants
-> ;
+-----+-----+-----+-----+-----+
| id | nom      | prenom      | mail                      | tel      |
+-----+-----+-----+-----+-----+
| 1  | MARQUETT | Jean-François | jfmarquette@yahoo.com | 0611253366 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

Et on rajoute 2 étudiants

```
mysql> insert into etudiants (nom, prenom) values
-> ("Dugelay", "Enzob"),
-> ("Bonegro", "Romeo");
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0

mysql> select * from etudiants;
+-----+-----+-----+-----+-----+
| id | nom      | prenom      | mail                      | tel      |
+-----+-----+-----+-----+-----+
| 1  | MARQUETT | Jean-François | jfmarquette@yahoo.com | 0611253366 |
| 2  | Dugelay  | Enzob        | NULL                     | NULL     |
| 3  | Bonegro  | Romeo        | NULL                     | NULL     |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

