

SQL DATABASE ENTRY FOR OMM

To check which dialect of SQL database runs on:

- `sudo systemctl list-units --type=service | grep -i "mysql\|postgres\|mariadb"`

```
ubuntu@ip-172-31-55-9:~$ sudo systemctl list-units --type=service | grep -i "mysql\|postgres\|mariadb"
mysql.service                                loaded active running MySQL Community Server
```

- we can see it uses mysql, so we have to use mysql relevant commands (look up documentation here: <https://www.mysql.com/>)

Entering DB:

- `sudo mysql -u root -p`

```
ubuntu@ip-172-31-55-9:~$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 65
Server version: 8.0.41-0ubuntu0.24.04.1 (Ubuntu)

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owners.

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

mysql>
```

Checking databases:

- `SHOW DATABASES;`

```
[mysql> SHOW DATABASES;
+-----+
| Database          |
+-----+
| information_schema |
| mysql              |
| omm                 |
| performance_schema |
| sys                |
+-----+
5 rows in set (0.00 sec)

mysql> 
```

- omm is empty

Checking each DB's contents:

- USE <db name>
- SHOW TABLES;

```
mysql> use information_schema
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SHOW TABLES;
```

```
Database changed
mysql> SHOW TABLES;
+-----+
| Tables_in_information_schema |
+-----+
| ADMINISTRABLE_ROLE_AUTHORIZATIONS |
| APPLICABLE_ROLES |
| CHARACTER_SETS |
| CHECK_CONSTRAINTS |
| COLLATIONS |
| COLLATION_CHARACTER_SET_APPLICABILITY |
| COLUMNS |
| COLUMNS_EXTENSIONS |
| COLUMN_PRIVILEGES |
| COLUMN_STATISTICS |
| ENABLED_ROLES |
| ENGINES |
| EVENTS |
| FILES |
| INNODB_BUFFER_PAGE |
| INNODB_BUFFER_PAGE_LRU |
| INNODB_BUFFER_POOL_STATS |
| INNODB_CACHED_INDEXES |
| INNODB_CMP |
| INNODB_CMPMEM |
| INNODB_CMPMEM_RESET |
| INNODB_CMP_PER_INDEX |
| INNODB_CMP_PER_INDEX_RESET |
| INNODB_CMP_RESET |
| INNODB_COLUMNS |
| INNODB_DATAFILES |
| INNODB_FIELDS |
| INNODB_FOREIGN |
| INNODB_FOREIGN_COLS |
| INNODB_FT_BEING_DELETED |
| INNODB_FT_CONFIG |
| INNODB_FT_DEFAULT_STOPWORD |
| INNODB_FT_DELETED |
| INNODB_FT_INDEX_CACHE |
| INNODB_FT_INDEX_TABLE |
| INNODB_INDEXES |
| INNODB_METRICS |
| INNODB_SESSION_TEMP_TABLESPACES |
| INNODB_TABLES |
| INNODB_TABLESPACES |
| INNODB_TABLESPACES_BRIEF |
| INNODB_TABLESTATS |
| INNODB_TEMP_TABLE_INFO |
| INNODB_TRX |
| INNODB_VIRTUAL |
| KEYWORDS |
| KEY_COLUMN_USAGE |
| OPTIMIZER_TRACE |
| PARAMETERS |
| PARTITIONS |
| PLUGINS |
| PROCESSLIST |
| PROFILING |
| REFERENTIAL_CONSTRAINTS |
| RESOURCE_GROUPS |
| ROLE_COLUMN_GRANTS |
| ROLE_ROUTINE_GRANTS |
| ROLE_TABLE_GRANTS |
| ROUTINES |
| SCHEMATA |
| SCHEMATA_EXTENSIONS |
| SCHEMA_PRIVILEGES |
| STATISTICS |
| ST_GEOMETRY_COLUMNS |
| ST_SPATIAL_REFERENCE_SYSTEMS |
| ST_UNITS_OF_MEASURE |
| TABLES |
| TABLESPACES |
| TABLESPACES_EXTENSIONS |
| TABLE_EXTENSIONS |
| TABLE_CONSTRAINTS |
| TABLE_CONSTRAINTS_EXTENSIONS |
| TABLE_PRIVILEGES |
| TRIGGERS |
| USER_ATTRIBUTES |
| USER_PRIVILEGES |
| VIEWS |
| VIEW_ROUTINE_USAGE |
| VIEW_TABLE_USAGE |
+-----+
79 rows in set (0.00 sec)
```

- A large portion of the db is empty (from what I saw) or prefilled with stuff that isn't very useful (so far)...