

【mariadb 的简单操作说明:】

- 1、首先 xshell 登录
- 2、登录 mariadb (mysql -u 用户名 -p 密码 -D 数据库名)

```
[u1234567@oop ~]$ mysql -uhwcheck -p'hw_CheCk-For24251*o0P' -Dhomework
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 1406
Server version: 10.3.39-MariaDB MariaDB Server

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

MariaDB [homework]>
MariaDB [homework]>
```

- 3、显示可以访问的表/视图 (show tables)

```
MariaDB [homework]> show tables;
+-----+
| Tables_in_homework |
+-----+
| view_hwcheck_hwlist |
| view_hwcheck_stulist |
+-----+
2 rows in set (0.000 sec)
```

注：每个命令最后加分号（下同）

- 4、查看表/视图的结构 (desc 表/视图名)

```
MariaDB [homework]> desc view_hwcheck_stulist;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| stu_term   | char(11)  | NO   |     |         |       |
| stu_grade  | char(4)   | NO   |     |         |       |
| stu_no     | char(8)   | NO   |     |         |       |
| stu_name   | char(32)  | NO   |     |         |       |
| stu_sex    | varchar(1)| NO   |     |         |       |
| stu_class_fname | char(32)  | NO   |     |         |       |
| stu_class_sname | char(16)  | NO   |     |         |       |
| stu_cno    | char(16)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.001 sec)
```

注：字段顺序就是 C/C++ 方式访问的 row[0]、row[1]、...

5、从表中查询数据（select 字段名 from 表/视图名 where 条件）

```
MariaDB [homework]> select * from view_hwcheck_stulist;
```

stu_term	stu_grade	stu_no	stu_name	stu_sex	stu_class_fname	stu_class_sname	stu_cno
2024/2025/1	2021	2051231	于富强	男	数据科学与大数据技术	大数据	10108001
2024/2025/1	2022	2152131	吴洪蕊	女	计算机科学与技术	计科	10108001
2024/2025/1	2023	2356201	许铷恩	女	计算机科学与技术	计科	5000244001602
2024/2025/1	2023	2356218	孙凯文	男	软件工程	软件	5000244001602

305 rows in set (0.003 sec)

查询样例（具体含义自己看结果体会，并在可网上查找相应资料加深理解）：

- select stu_cno, stu_no, stu_name from view_hwcheck_stulist;
- select * from view_hwcheck_stulist where stu_cno = 10108001;
- select * from view_hwcheck_stulist where stu_cno = 10108001 or stu_cno = 10108002;
- select * from view_hwcheck_stulist where stu_cno in(10108001,10108002);