

Ubuntu 12.04上安装MySQL并运行

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安装MySQL数据库

```
sudo apt-get update  
sudo apt-get install mysql-server
```

确认是否安装成功

```
sudo netstat -tap | grep mysql
```

当mysql节点处于LISTEN状态表示启动成功

```
wrr@ubuntu:~$ sudo netstat -tap | grep mysql  
[sudo] password for wrr:  
tcp        0      0 localhost:mysql    *:*              LISTEN  
1618/mysql
```

登录数据库

```
mysql -u root -p
```

```
wrr@ubuntu:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 38
Server version: 5.5.54-0ubuntu0.12.04.1 (Ubuntu)

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owners.

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

MySQL数据库常用操作

1.显示所有数据库 (注意后面一定要有分号, 表示一句话的结束)

```
mysql> show databases;
+-----+
| Database                |
+-----+
| information_schema      |
| mysql                   |
| performance_schema      |
+-----+
3 rows in set (0.29 sec)
```

2.创建新数据库

```
mysql> create database WRR;
```

3.创建新的表

```
mysql> use WRR;
mysql> create table Student(pid varchar(20) primary key, password varchar(20), status int);
```

```
mysql> use WRR;  
Database changed  
mysql> create table Student(pid varchar(20) primary key, password varchar(20), s  
tatus int);  
Query OK, 0 rows affected (0.39 sec)
```

4.插入数据

```
mysql> insert into Student values("2018001","2018001",0);
```

```
mysql> insert into Student values("2018001","2018001",0);  
Query OK, 1 row affected (0.07 sec)  
  
mysql> insert into Student values("2018002","2018002",1);  
Query OK, 1 row affected (0.00 sec)  
  
mysql> insert into Student values("2018003","2018003",0);  
Query OK, 1 row affected (0.04 sec)  
  
mysql> select * from Student;  
+-----+-----+-----+  
| pid      | password | status |  
+-----+-----+-----+  
| 2018001 | 2018001 | 0      |  
| 2018002 | 2018002 | 1      |  
| 2018003 | 2018003 | 0      |  
+-----+-----+-----+  
3 rows in set (0.03 sec)
```

5.修改数据

(1) 修改表名

```
mysql> alter table Student rename Student1;
```

```
mysql> alter table Student rename Student1;
Query OK, 0 rows affected (0.08 sec)

mysql> show tables;
+-----+
| Tables_in_WRR |
+-----+
| Student1      |
+-----+
1 row in set (0.00 sec)
```

(2) 修改表中某列的名字

```
mysql> alter table Student1 change column status status1 int;
```

```
mysql> alter table Student1 change column status status1 int;
Query OK, 3 rows affected (0.14 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> select * from Student;
ERROR 1146 (42S02): Table 'WRR.Student' doesn't exist
mysql> select * from Student1;
+-----+-----+-----+
| pid    | password | status1 |
+-----+-----+-----+
| 2018001 | 2018001  | 0       |
| 2018002 | 2018002  | 1       |
| 2018003 | 2018003  | 0       |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

(3) 修改某一学生的数据

```
mysql> update Student1 set status1=1 where pid="2018001";
```

```
mysql> update Student1 set status1=1 where pid="2018001";
Query OK, 1 row affected (0.06 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from Student1;
+-----+-----+-----+
| pid    | password | status1 |
+-----+-----+-----+
| 2018001 | 2018001  |      1 |
| 2018002 | 2018002  |      1 |
| 2018003 | 2018003  |      0 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

6.删除数据

(1) 删除学生数据

```
mysql> delete from Student1 where pid="2018002";
```

```
mysql> delete from Student1 where pid="2018002";
Query OK, 1 row affected (0.07 sec)

mysql> select * from Student1;
+-----+-----+-----+
| pid    | password | status1 |
+-----+-----+-----+
| 2018001 | 2018001  |      1 |
| 2018003 | 2018003  |      0 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

(2) 删除学生表

```
mysql> drop table Student1;
```

```
mysql> drop table Student1;
Query OK, 0 rows affected (0.05 sec)

mysql> show tables;
Empty set (0.00 sec)
```

(3) 删除数据库

```
mysql> drop database WRR;
```

```
mysql> drop database WRR;
Query OK, 0 rows affected (0.06 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
+-----+
3 rows in set (0.00 sec)
```

7.查看MySQL版本

```
mysql> select version();
+-----+
| version() |
+-----+
| 5.5.54-0ubuntu0.12.04.1 |
+-----+
1 row in set (0.07 sec)
```

8.退出MySQL

```
mysql> quit
```

```
mysql> quit
Bye
wrr@ubuntu:~$
```

如果想了解更多内容，请看[Ubuntu安装MySQL及常用操作_厦大数据库实验室博客](#)与[Ubuntu安装mysql及常用SQL操作语句 - mysql数据库栏目 - 红黑联盟](#)。