

mysql语句及数据库的基础操作

1, 增添删改语句

```
增: insert
删: delete
改: update
查: select or show
```

2, 库操作

检查数据库是否正常运行

```
service mysql start
service mysql status
```

出现绿色光标即 active (running) 表示数据库正常运行

```
lijinze@lijinze-virtual-machine:~$ service mysql start
lijinze@lijinze-virtual-machine:~$ service mysql status
●mysql.service - MySQL Community Server
   Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset: en
   Active: active (running) since Wed 2020-11-04 16:47:49 CST; 3 days ago
     Main PID: 959 (mysqld)
        Tasks: 28 (limit: 4634)
       CGroup: /system.slice/mysql.service
               └─959 /usr/sbin/mysqld --daemonize --pid-file=/run/mysqld/mysqld.pid

11月 04 16:47:47 lijinze-virtual-machine systemd[1]: Starting MySQL Community Se
11月 04 16:47:49 lijinze-virtual-machine systemd[1]: Started MySQL Community Ser
lines 1-10/10 (END)
```

创建数据库: create database dbname; (注: dbname是你所创建数据库的名字,我创建的是k2, 所以就是create database k2;)

```
mysql> create database k2
->
-> create database k2;
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 'creat
e database k2' at line 3
mysql> create database k2;
Query OK, 1 row affected (0.00 sec)
```

创建带字符的数据库: create database mydb2 CHARACTER SET=utf8;

显示数据库: show databases;

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| k2 |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)
```

删除数据库：drop database dbname;

```
| Database |
+-----+
| information_schema |
| fake      |
| k2        |
| mysql     |
| performance_schema |
| sys       |
+-----+
6 rows in set (0.01 sec)

mysql> drop database fake;
Query OK, 0 rows affected (0.01 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| k2          |
| mysql       |
| performance_schema |
| sys         |
+-----+
```

3, 表操作

创建数据库表（创建一个表名为：employee，该表中含有id, name, sex, birthday, job字段）：

```
create table employee
(
    id int,
    name varchar(40),
    sex char(4),
    birthday date,
    job varchar(100),
);
```

```
mysql> use k2;
Database changed
mysql> create table employee
-> (
-> id int,
-> name varchar(40),
-> sex varchar(4),
-> birthday date,
-> entry_date date,
-> salary decimal(8,2),
-> resume text
-> );
Query OK, 0 rows affected (0.02 sec)

mysql>
```

表中增添image字段：alter table employee add image blob;

修改值：alter table employee modify () varchar ();

删除列：alter table employee drop ();

修改表名：rename table () to ();

删除表：drop table user;

查询表数据：select () from;

查看创建表语句：show create table tablename;

查看表结构: desc tablename;

4.常用的MySQL语句命令**

进入MySQL命令行: MySQL -u root -p;

查看所有数据库: show databases;

创建数据库: create database dbname;

删除数据库: drop database dbname;

选择数据库: use database;

查看所有表: show tables;