



链滴

MySQL 设置全局数据库编码为 UTF8

作者: [Leif160519](#)

原文链接: <https://ld246.com/article/1574059503782>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

一般mysql安装完毕后，数据库信息如下：

```
mysql> \s
-----
mysql Ver 14.14 Distrib 5.7.26, for Linux (x86_64) using EditLine wrapper

Connection id:      6917
Current database:
Current user:       root@localhost
SSL:               Not in use
Current pager:     stdout
Using outfile:     ''
Using delimiter:   ;
Server version:    5.7.26 MySQL Community Server (GPL)
Protocol version:  10
Connection:        Localhost via UNIX socket
Server characterset: latin1
Db characterset:   latin1
Client characterset: utf8
Conn. characterset: utf8
UNIX socket:       /var/lib/mysql/mysql.sock
Uptime:            80 days 22 hours 29 sec

Threads: 41  Questions: 13193212  Slow queries: 1149493  Opens: 30923  Flush tables: 161  O
en tables: 476  Queries per second avg: 1.887

-----
```

默认字符集为`latin1`，下面介绍修改全局字符编码的方法：

1.修改mysql的配置文件，添加如下内容：

```
[mysqld]
character-set-server=utf8
collation-server=utf8_general_ci
skip-character-set-client-handshake
```

```
[client]
default-character-set=utf8
```

```
[mysql]
default-character-set=utf8
```

```
[mysql.server]
default-character-set=utf8
```

```
[mysqld_safe]
default-character-set=utf8
```

docker容器中的mysql我采用挂载配置文件的方式让配置生效，路径为：`/etc/mysql/mysql.conf.d/myqld.cnf`

centos下mysql配置文件路径：`/etc/my.cnf`

ubuntu下mysql配置文件路径：`/etc/mysql/mysql.conf.d/mysqld.cnf`

2.重启mysql服务或docker容器

效果:

```
mysql> \s
```

```
-----  
mysql Ver 14.14 Distrib 5.7.27, for Linux (x86_64) using EditLine wrapper
```

```
Connection id:      39  
Current database:  
Current user:      root@localhost  
SSL:              Not in use  
Current pager:    stdout  
Using outfile:    "  
Using delimiter:  ;  
Server version:   5.7.27 MySQL Community Server (GPL)  
Protocol version: 10  
Connection:      Localhost via UNIX socket  
Server characterset: utf8  
Db characterset: utf8  
Client characterset: utf8  
Conn. characterset: utf8  
UNIX socket:     /var/run/mysqld/mysqld.sock  
Uptime:         3 hours 10 min 24 sec
```

```
Threads: 6 Questions: 5520 Slow queries: 0 Opens: 172 Flush tables: 1 Open tables: 165 Q  
eries per second avg: 0.483
```

```
mysql> show variables like 'collation_%';
```

```
+-----+-----+  
| Variable_name | Value |  
+-----+-----+  
| collation_connection | utf8_general_ci |  
| collation_database | utf8_general_ci |  
| collation_server | utf8_general_ci |  
+-----+-----+  
3 rows in set (0.01 sec)
```

```
mysql> show variables like 'character_set_%';
```

```
+-----+-----+  
| Variable_name | Value |  
+-----+-----+  
| character_set_client | utf8 |  
| character_set_connection | utf8 |  
| character_set_database | utf8 |  
| character_set_filesystem | binary |  
| character_set_results | utf8 |  
| character_set_server | utf8 |  
| character_set_system | utf8 |  
| character_sets_dir | /usr/share/mysql/charsets/ |  
+-----+-----+  
8 rows in set (0.00 sec)
```