



链滴

CentOS7 MariaDB 配置及创建 solo 数据库

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原文链接: <https://ld246.com/article/1567129979534>

来源网站: [链滴](#)

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

操作基本和Mysql一样的。

首先建议修改 MariaDB的字符集为utf8mb4

utf8mb4它占用4个字节的存储空间，而utf8是3个字节，这样，用3个字节去存储4个字节的東西，很显是存不下的，会报错，所以要用utf8mb4，并且utf8mb4是兼容utf8的。

****注意：**对于mysql而言貌似utf8mb4有一个使用限制，mysql版本必须是5.5以上。

查看MariaDB字符集

```
SHOW VARIABLES WHERE Variable_name LIKE 'character\_set\_%' OR Variable_name LIKE 'collation%';
```

```
MariaDB [(none)]> SHOW VARIABLES WHERE Variable_name LIKE 'character\_set\_%' OR Variable_name LIKE 'collation%';
```

```
+-----+
| Variable_name      | Value      |
+-----+
| character_set_client | utf8       |
| character_set_connection | utf8      |
| character_set_database | latin1     |
| character_set_filesystem | binary    |
| character_set_results | utf8       |
| character_set_server  | latin1     |
| character_set_system  | utf8       |
| collation_connection  | utf8_general_ci |
| collation_database    | latin1_swedish_ci |
| collation_server      | latin1_swedish_ci |
+-----+
10 rows in set (0.02 sec)
```

修改后：

```
MariaDB [(none)]> SHOW VARIABLES WHERE Variable_name LIKE 'character\_set\_%' OR Variable_name LIKE 'collation%';
```

```
+-----+
| Variable_name      | Value      |
+-----+
| character_set_client | utf8mb4    |
| character_set_connection | utf8mb4   |
| character_set_database | utf8mb4    |
| character_set_filesystem | binary    |
| character_set_results | utf8mb4    |
| character_set_server  | utf8mb4    |
| character_set_system  | utf8       |
| collation_connection  | utf8mb4_general_ci |
| collation_database    | utf8mb4_unicode_ci |
| collation_server      | utf8mb4_unicode_ci |
+-----+
10 rows in set (0.00 sec)
```

找到mysql配置文件 my.cnf

如果你不知道你的配置文件在什么位置，可用命令

```
find / -name my.cnf
```

这样就能查找到my.cnf的具体位置了

```
[root@MiWiFi-R2D-srv /home/dwt]# find / -name my.cnf
find: '/proc/5806' : No such file or directory
find: '/proc/5807' : No such file or directory
/etc/my.cnf
```

在my.cnf中加上如下配置：

```
[client]
default-character-set = utf8mb4
```

```
[mysql]
default-character-set = utf8mb4
```

```
[mysqld]
character-set-client-handshake = FALSE
character-set-server = utf8mb4
collation-server = utf8mb4_unicode_ci
init_connect='SET NAMES utf8mb4'
```

重启Mysql服务，创建数据库。

```
# 创建数据库(数据库名:solo;字符集utf8mb4;排序规则utf8mb4_general_ci)
```

```
MariaDB [(none)]> create database solo DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4_general_ci;
Query OK, 1 row affected (0.00 sec)
```

```
MariaDB [(none)]>
```

查看数据库

```
MariaDB [(none)]> show databases;
```

```
+-----+
| Database      |
+-----+
| information_schema |
| ccnet_db      |
| edusoho       |
| edusoho_qy    |
| mysql         |
```

```
| nextcloud          |
| performance_schema |
| seafile_db        |
| seahub_db         |
| solo              |
| test              |
+-----+
11 rows in set (0.03 sec)
```

MariaDB [(none)]>

到此，MariaDB创建solo数据库创建完成。