MariaDB

- description : MariaDB, Mysql
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CentOS7

```
//
[mysql@dev tmp]$ systemctl status mariadb

//
[mysql@dev tmp]$ systemctl enable mariadb

// MariaDB
[mysql@dev tmp]$ systemctl restart mariadb
```

, Dump

[MariaDB](#)
[mysqldump](#)
[mysqldump](#)
[[Project :: Server] MariaDB](#)

mysql db

user table

```
INSERT INTO mysql.`user`
(Host, `User`, Password, Select_priv, Insert_priv, Update_priv, Delete_priv,
Create_priv, Drop_priv, Reload_priv, Shutdown_priv, Process_priv, File_priv,
Grant_priv, References_priv, Index_priv, Alter_priv, Show_db_priv,
Super_priv, Create_tmp_table_priv, Lock_tables_priv, Execute_priv,
```

```
Repl_slave_priv, Repl_client_priv, Create_view_priv, Show_view_priv,
Create_routine_priv, Alter_routine_priv, Create_user_priv, Event_priv,
Trigger_priv, Create_tablespace_priv, ssl_type, ssl_cipher, x509_issuer,
x509_subject, max_questions, max_updates, max_connections,
max_user_connections, plugin, authentication_string, password_expired,
is_role)
VALUES('%', '__user__', password('__password__'), 'Y', 'Y', 'Y', 'Y', 'Y',
'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y',
'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', '', '', '', '', 0, 0, 0, 0, '',
'', 'N', 'N')
;
```

db table

```
INSERT INTO mysql.db
(Host, Db, `User`, Select_priv, Insert_priv, Update_priv, Delete_priv,
Create_priv, Drop_priv, Grant_priv, References_priv, Index_priv, Alter_priv,
Create_tmp_table_priv, Lock_tables_priv, Create_view_priv, Show_view_priv,
Create_routine_priv, Alter_routine_priv, Execute_priv, Event_priv,
Trigger_priv)
VALUES('%', '__db__', '__user__', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'N', 'Y',
'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y');
```

```
FLUSH privileges;
```

Maria DB

```
MariaDB [(none)]> create user '${User }'@'${Host }' identified by
'${Password }';
Query OK, 0 rows affected (0.00 sec)
```

EX : create user   @'127.0.0.1' identified by '   12';
Host :   IP
Tip :   IP   3   .

- 　　@ '127.0.0.1'
- 　　@'localhost'
- 　　@ '   IP' | IP

        (${DB }   )

```
MariaDB [(none)]> grant all privileges on ${DB }.* to '${User }'@'${Host }';
Query OK, 0 rows affected (0.00 sec)
```

EX : grant all privileges on repia.* to '   '@'localhost';
Tip : grant all -

- all   select, update, create   .

```
MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.00 sec)
```

Tip :   .
                     .

LOCK, UNLOCK

```
ALTER USER '${User }'@'${Host }' ACCOUNT LOCK;
ALTER USER '${User }'@'${Host }' ACCOUNT UNLOCK;
```

MySQL, MariaDB   DB,   ,
[mysql] mysql, mariaDB   ,
Account Locking

Windows   .
Table ${Table name} doesn't exist

Windows   ,   Linux   .
  , Linux   .

- mariadb   /etc/my.cnf   lower_case_table_names = 1
         .

value	meaing
0	CREATE TABLE CREATE DATABASE . SELECT Insert . OS Windows/Mac OS X
1	DB . DB .
2	CREATE TABLE CREATE DATABASE . . OS(Mac OS X) .

DATABASE   .
          dump   .

(function)

          ,

```
[                       ]
mysql> SHOW PROCEDURE STATUS

[                          ]
mysql> SHOW CREATE PROCEDURE uso_Get_Mini_Evaluation

[                    ]
mysql> SHOW CREATE VIEW v_core_ability_examination
```

MySQL   ,

- ID,CD   NAME
- delimiter(   )   (X)

```
delimiter $$
DROP FUNCTION IF EXISTS dbname.getCodeIdByName $$
CREATE FUNCTION dbname.getCodeIdByName(findCode VARCHAR(100) ) RETURNS
VARCHAR(20)
   BEGIN
      DECLARE getName VARCHAR(20);
      SET getName = NULL;
      SELECT CODE_ID_DET  INTO getName FROM COM_CODE_DET WHERE CODE_NM_DET=
findCode;
      RETURN getName;
   END $$
delimiter ;
```

  SQL   DBeaver   CTRL+ENTER(sql   )   ALT +
  X(   )   .

MariaDB

```
[mysql@dev tmp]$ mysql_upgrade -u root -p
```

DATA

TIMESTAMPDIFF

-
    - TIMESTAMPDIFF(,   1,   2);
-
    - SECOND :
    - MINUTE :
    - HOUR :
    - DAY :
    - WEEK :
    - MONTH :
    - QUARTER :
    - YEAR :
- (   )
    -     : SELECT TIMESTAMPDIFF(MINUTE, '2017-03-01', '2018-03-28');
    -     : 564480

CONCAT

```sql
SELECT
  aei.ABILITYUNIT_EL_NM
  , group_concat(arr.RES_ROLES separator '|') AS RES_ROLES_RES
  , aei.AUE_CD
FROM
  ABILITYUNIT_INFO ai
GROUP BY aei.ABILITYUNIT_EL_NM
```

row   RES_ROLES   row   RES_ROLES_RES   select
   .

   (   )

```sql
SELECT boardno, account, subject, content, createdate
FROM board
ORDER BY boardno DESC
LIMIT  0, 10
```

```sql
SELECT boardno, account, subject, content, createdate
FROM board
ORDER BY boardno DESC
```

```
LIMIT 10 OFFSET 0
```

(SCHEMA)

```
CREATE TABLE ${NEW_TABLE} LIKE ${OLD_TABLE}
```

(SCHEMA)

```
CREATE TABLE ${NEW_TABLE} ( SELECT * FROM ${OLD_TABLE} )
```

```
INSERT INTO ${DEST_TABLE} ( SELECT * FROM ${SOURCE_TABLE} )
```

Encoding

- latin1　　utf8mb4

Logging

log　　_

Migration To Oracle

SQL Developer　　　　　autoincrement

- MySQL to Oracle Migration

Trouble Shooting

- TIMEZONE error

Ref

- MySQL　　　　　　　　　　　(Table Copy)
- MariaDB　　　　　　　　(CentOS 7)
- CentOS7 MariaDB
- RHEL/CentOS, Ubuntu　 MySQL 5.6, 5.7
- 　　　-　　　-　　　[PostIT]

- [MariaDB] root
- MySQL root
- SQL Developer   MySQL
- [MySQL]   (DATEDIFF, TIMESTAMPDIFF   )
- MySQL (MariaDB)

,   ,   , eleven, mariadb, mysql

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