MariaDB

- description : MariaDB, Mysql
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- lastupdate : 2020-02-08

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FAQ

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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

```sql
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', 'Y', '', '', '', '', 0, 0, 0, 0, '',
'', 'N', 'N')
;
```

db table

```sql
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');
```

```sql
FLUSH privileges;
```

Maria DB

```sql
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 .

value	meaing
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

```
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

.

(   )

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

```
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

- RHEL/CentOS, Ubuntu   MySQL 5.6, 5.7
- -   -   [PostIT]
- [MariaDB] root
- MySQL root
- SQL Developer   MySQL
- [MySQL]   (DATEDIFF, TIMESTAMPDIFF   )
- MySQL (MariaDB)