Mysql / MariaDB

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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

```
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 :   .
                .

- [:: MySQL](#)
- [MariaDB 10.4   user](#)

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   .

(,   ,   )

```
//    (SHOW INDEX FROM      )
$> SHOW INDEX FROM HEQMS.TB_HFDMS2_STD_CMPTN_SD;
//    (ALTER TABLE     DROP INDEX     )
$> ALTER TABLE HEQMS.TB_HFDMS2_STD_CMPTN_SD DROP INDEX
IX_TB_HEQMS2_STD_JOB_CMPTN_SD_01;
//    (CREATE INDEX      ON     (         ))
$> CREATE INDEX IX_TB_HFDMS2_STD_CMPTN_SD_01 USING BTREE ON
TB_HFDMS2_STD_CMPTN_SD (STD_NO);
$> CREATE INDEX IX_TB_HFDMS2_STD_CMPTN_SD_02 USING BTREE ON
TB_HFDMS2_STD_CMPTN_SD (STD_NO, DGNSS_ROUND);
//     &
$> ALTER TABLE RSA.SIMS_MONITORING DROP INDEX IX_SIMS_MONITORING_01;
$> CREATE UNIQUE INDEX IX_SIMS_MONITORING_01 USING BTREE ON
RSA.SIMS_MONITORING (MONIT_ID);
//
$> ALTER TABLE RSA.SIMS_MONITORING DROP INDEX `PRIMARY`;
```

(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} )
```

Function & Procedures

-

Encoding

- latin1 utf8mb4

Logging

log _

Migration To Oracle

SQL Developer autoincrement

- MySQL to Oracle Migration

Trouble Shooting

- TIMEZONE error
- IP MySQL(MariaDB)
- |MYSQL(MariaDB) .(Feat. Can't Connect To MySQL Server On '192.168.X.X'(10061)

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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