

Mysql / MariaDB

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

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FAQ

- dbSpider characterEncoding=UTF-8 가

```
jdbc:mysql://202.20.99.10:3306/wwwhome?autoReconnect=true&useUnicode=true&characterEncoding=UTF-8
```

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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 가

```
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', 'Y', 'Y', 'Y', 'Y',
'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y',
'Y', 'Y', 'N', 'N')
;
```

db table 가

```
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', 'Y', 'Y',
'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y', 'Y',
'Y', 'Y', 'N', '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 3가

- '@'127.0.0.1'
- '@'localhost'
- '@' IP' | 가 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 가
- MariaDB 10.4 user

LOCK, UNLOCK

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

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

Windows 가
Table \${Table name} doesn't exist

Windows , Linux Linux

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

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

가
 DATABASE
 dump
 (, ,)

```
// (SHOW INDEX FROM      )
$> SHOW INDEX FROM HEQMS.TB_HFDM2_STD_CMPTN_SD;
// (ALTER TABLE      DROP INDEX      )
$> ALTER TABLE HEQMS.TB_HFDM2_STD_CMPTN_SD DROP INDEX
IX_TB_HEQMS2_STD_JOB_CMPTN_SD_01;
// (CREATE INDEX      ON      (      ))
$> CREATE INDEX IX_TB_HFDM2_STD_CMPTN_SD_01 USING BTREE ON
TB_HFDM2_STD_CMPTN_SD (STD_NO);
$> CREATE INDEX IX_TB_HFDM2_STD_CMPTN_SD_02 USING BTREE ON
TB_HFDM2_STD_CMPTN_SD (STD_NO, DGNSS_ROUND);
// & 가
$> 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

- 5

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] 가 (DATEDIFF, TIMESTAMPDIFF)
 - MySQL (MariaDB)

MySQL Note

- MySQL note

, eleven, mariadb, mysql

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