

# Mysql / MariaDB

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

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## FAQ

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- dbSpider `characterEncoding=UTF-8` 가

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

/

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



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, , 가  
 [mysql] mysql, mariaDB , 가  
 Account Locking

Windows 가 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 OS 가 Windows/Mac OS X
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_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);
// & 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 ( X)
- 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 DBever 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
```

	<b>row</b>	<b>RES_ROLES</b>	<b>row</b>	<b>RES_ROLES_RES</b>	<b>select</b>
--	------------	------------------	------------	----------------------	---------------

.

( )

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

# MySQL Note

- [MySQL note](#)

, , , [eleven](#), [mariadb](#), [mysql](#)

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