

# 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 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',
'', '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', 'N', 'Y',
'Y', '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 가 .

- @'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 :

### 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	가 DB 가 DB 가
2	CREATE TABLE CREATE DATABASE 가 OS(Mac OS X)

가

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
```

<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} )
```

## 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](#)
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- [\[MariaDB\] root](#)
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