

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',
'', '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', '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            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 :

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

(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](#)
- [\[MySQL\]](#) [가](#) [\(DATEDIFF, TIMESTAMPDIFF](#) [\)](#)

[, eleven, mariadb, mysql](#)

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