

latin1 _utf8mb4 _

- description : Table Encoding
- author :
- email : hylee@repia.com
- lastupdate : 2020-04-22

```
(
    **
    DB Insert
)
```

- ERROR 1366 (HY000) : incorrect string value : '\xED\x95\x9C\xEC\x9A\xB0...' for column 'ARTCL_HTML' at row 1 > *
 - 4byte CharacterSet 가 .
 - > * mariaDB utf8 3byte utf8mb4 .
 - * (Character Set) (Encoding) ===== 1. DB
 - Character Set . (utf8mb4) 2. DB dump . 3. mariaDB
 - (, 가) . 4. dump DDL utf8mb4
 - utf8mb4 . 5. dump . 6. mariaDB
 - DB . ===== 1. Character Set ===== > Table Caracter Set

```
<code sql> SELECT CCSA.character_set_name FROM
information_schema.`TABLES` T,
information_schema.`COLLATION_CHARACTER_SET_APPLICABILITY` CCSA WHERE
CCSA.collation_name = T.table_collation AND T.table_schema = "${Database
name}" AND T.table_name = "${Table name}"; </code> * MySQL database
table character set ===== 2. Database dump ===== <code bash>
[root@mysql ~]# mysqldump -uroot -p ${Database Name} -r ${Backup File
Name}.sql Password: </code> ===== 2-1. Dump File Encoding ===== * file
-bi . * Dump utf8 DB utf9mb4
. <code bash> [root@mysql ~]# file -bi ${Backup
File Name}.sql </code> ===== 3. mariaDB 가 ===== >
* /etc/my.cnf > 가 <code bash> # # This group is read both both
by the client and the server # use it for options that affect everything
# [client-server] # # include all files from the config directory #
[mysqld] default_storage_engine=innodb innodb_buffer_pool_size=445M
innodb_log_file_size=50M max_connections = 10000 connect_timeout = 600
wait_timeout = 6000 max_allowed_packet = 2G thread_cache_size = 128
sort_buffer_size = 4M bulk_insert_buffer_size = 16M tmp_table_size = 32M
max_heap_table_size = 32M default_storage_engine = InnoDB
innodb_buffer_pool_size = 4G innodb_log_buffer_size = 8M
innodb_file_per_table = 1 innodb_file_format = barracuda
innodb_open_files = 400 innodb_io_capacity = 400 innodb_flush_method =
0_DIRECT character-set-server=utf8mb4 collation-
server=utf8mb4_general_ci [client] port=${Port} default-character-set =
utf8mb4 [mysqldump] default-character-set = utf8mb4 [mysql] default-
character-set = utf8mb4 !includedir /etc/my.cnf.d </code> ===== 4. dump
```

