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## MariaDB UTF-8

```
character_set_server=utf8mb4
```

## MySQL UTF-8

```
#  
# The MySQL database server configuration file.  
#  
# You can copy this to one of:  
# - "/etc/mysql/my.cnf" to set global options,  
# - "~/.my.cnf" to set user-specific options.  
#  
# One can use all long options that the program supports.  
# Run program with --help to get a list of available options and with  
# --print-defaults to see which it would actually understand and use.  
#  
# For explanations see  
# http://dev.mysql.com/doc/mysql/en/server-system-variables.html  
  
# This will be passed to all mysql clients  
# It has been reported that passwords should be enclosed with ticks/quotes  
# especially if they contain "#" chars...  
# Remember to edit /etc/mysql/debian.cnf when changing the socket location.  
[client]  
port          = 3306  
socket        = /var/run/mysqld/mysqld.sock  
default-character-set = utf8mb4  
character-set-client  = utf8mb4  
  
# Here is entries for some specific programs  
# The following values assume you have at least 32M ram  
  
# This was formally known as [safe_mysqld]. Both versions are currently  
# parsed.  
[mysqld_safe]  
socket        = /var/run/mysqld/mysqld.sock  
nice          = 0  
default-character-set = utf8mb4  
  
[mysqld]  
#  
# * Basic Settings  
#  
user          = mysql  
pid-file      = /var/run/mysqld/mysqld.pid  
socket        = /var/run/mysqld/mysqld.sock
```

```
port          = 3306
basedir       = /usr
datadir       = /var/lib/mysql
tmpdir        = /tmp
lc-messages-dir = /usr/share/mysql
skip-external-locking
character-set-client-handshake = FALSE
character-set-server    = utf8mb4
collation-server        = utf8mb4_unicode_ci
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address    = 127.0.0.1
#
# * Fine Tuning
#
key_buffer      = 16M
max_allowed_packet = 16M
thread_stack     = 192K
thread_cache_size = 8
# This replaces the startup script and checks MyISAM tables if needed
# the first time they are touched
myisam-recover   = BACKUP
#max_connections  = 100
#table_cache      = 64
#thread_concurrency = 10
#
# * Query Cache Configuration
#
query_cache_limit      = 1M
query_cache_size        = 16M
#
# * Logging and Replication
#
# Both location gets rotated by the cronjob.
# Be aware that this log type is a performance killer.
# As of 5.1 you can enable the log at runtime!
#general_log_file      = /var/log/mysql/mysql.log
#general_log            = 1
#
# Error logging goes to syslog due to
/etc/mysql/conf.d/mysqld_safe_syslog.cnf.
#
# Here you can see queries with especially long duration
#log_slow_queries      = /var/log/mysql/mysql-slow.log
#long_query_time = 2
#log-queries-not-using-indexes
#
# The following can be used as easy to replay backup logs or for
replication.
```

```
# note: if you are setting up a replication slave, see README.Debian about
#       other settings you may need to change.
#server-id          = 1
#log_bin            = /var/log/mysql/mysql-bin.log
expire_logs_days   = 10
max_binlog_size    = 100M
#binlog_do_db      = include_database_name
#binlog_ignore_db  = include_database_name
#
# * InnoDB
#
# InnoDB is enabled by default with a 10MB datafile in /var/lib/mysql/.
# Read the manual for more InnoDB related options. There are many!
#
# * Security Features
#
# Read the manual, too, if you want chroot!
# chroot = /var/lib/mysql/
#
# For generating SSL certificates I recommend the OpenSSL GUI "tinyca".
#
# ssl-ca=/etc/mysql/cacert.pem
# ssl-cert=/etc/mysql/server-cert.pem
# ssl-key=/etc/mysql/server-key.pem

[mysqldump]
quick
quote-names
max_allowed_packet = 16M

[mysql]
default-character-set = utf8mb4
#no-auto-rehash # faster start of mysql but no tab completion

[isamchk]
key_buffer          = 16M

#
# * IMPORTANT: Additional settings that can override those from this file!
#   The files must end with '.cnf', otherwise they'll be ignored.
```

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