

MacBook-Pro:~ jasonmayberry\$ mysql --help | more

mysql Ver 8.0.12 for macos10.13 on x86\_64 (MySQL Community Server - GPL)  
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- auto-vertical-output   Automatically switch to vertical output mode if the  
                            result is wider than the terminal width.
- B, --batch           Don't use history file. Disable interactive behavior.

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--default-character-set=name
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--delimiter=name     Delimiter to be used.
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--enable-clear-text-plugin Enable/disable the clear text authentication plugin.

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- ?, --help Display this help and exit.
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- auto-rehash Enable automatic rehashing. One doesn't need to use 'rehash' to get table and field completion, but startup and reconnecting may take a longer time. Disable with --disable-auto-rehash.  
(Defaults to on; use --skip-auto-rehash to disable.)
- A, --no-auto-rehash No automatic rehashing. One has to use 'rehash' to get table and field completion. This gives a quicker start of mysql and disables rehashing on reconnect.
- auto-vertical-output Automatically switch to vertical output mode if the result is wider than the terminal width.
- B, --batch Don't use history file. Disable interactive behavior.  
(Enables --silent.)
- bind-address=name IP address to bind to.
- b, --binary-as-hex Print binary data as hex
- character-sets-dir=name  
Directory for character set files.
- column-type-info Display column type information.
- c, --comments Preserve comments. Send comments to the server. The default is --skip-comments (discard comments), enable with --comments.
- C, --compress Use compression in server/client protocol.
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- D, --database=name Database to use.
- default-character-set=name  
Set the default character set.
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- enable-clear-text-plugin  
Enable/disable the clear text authentication plugin.
- e, --execute=name Execute command and quit. (Disables --force and history



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-E, --vertical Print the output of a query (rows) vertically.

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```

-B, --batch          Don't use history file. Disable interactive behavior.
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- histignore=name A colon-separated list of patterns to keep statements from getting logged into syslog and mysql history.



-G, --named-commands

Enable named commands. Named commands mean this program's internal commands; see `mysql> help` . When enabled, the named commands can be used from any line of the query,

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-i, --ignore-spaces  
 Ignore space after function names.

--init-command=name SQL Command to execute when connecting to MySQL server.  
Will automatically be re-executed when reconnecting.

--local-infile Enable/disable LOAD DATA LOCAL INFILE.

-b, --no-beep Turn off beep on error.

-h, --host=name Connect to host.

-H, --html Produce HTML output.

-X, --xml Produce XML output.

--line-numbers Write line numbers for errors.  
(Defaults to on; use --skip-line-numbers to disable.)

-L, --skip-line-numbers  
Don't write line number for errors.

-n, --unbuffered Flush buffer after each query.

--column-names Write column names in results.  
(Defaults to on; use --skip-column-names to disable.)

-N, --skip-column-names  
Don't write column names in results.

--sigint-ignore Ignore SIGINT (CTRL-C).

-o, --one-database Ignore statements except those that occur while the  
default database is the one named at the command line.

--pager[=name] Pager to use to display results. If you don't supply an  
option, the default pager is taken from your ENV variable  
PAGER. Valid pagers are less, more, cat [> filename],  
etc. See interactive help (\h) also. This option does not  
work in batch mode. Disable with --disable-pager. This  
option is disabled by default.

-p, --password[=name]  
Password to use when connecting to server. If password is  
not given it's asked from the tty.

-P, --port=# Port number to use for connection or 0 for default to, in  
order of preference, my.cnf, \$MYSQL\_TCP\_PORT,  
/etc/services, built-in default (3306).

--prompt=name Set the mysql prompt to this value.

--protocol=name The protocol to use for connection (tcp, socket, pipe,  
memory).

-q, --quick Don't cache result, print it row by row. This may slow  
down the server if the output is suspended. Doesn't use  
history file.

-r, --raw Write fields without conversion. Used with --batch.

--reconnect Reconnect if the connection is lost. Disable with  
--disable-reconnect. This option is enabled by default.  
(Defaults to on; use --skip-reconnect to disable.)

-s, --silent Be more silent. Print results with a tab as separator,  
each row on new line.

-S, --socket=name The socket file to use for connection.  
 --server-public-key-path=name  
     File path to the server public RSA key in PEM format.  
 --get-server-public-key  
     Get server public key  
 --ssl-mode=name SSL connection mode.  
 --ssl-ca=name CA file in PEM format.  
 --ssl-capath=name CA directory.  
 --ssl-cert=name X509 cert in PEM format.  
 --ssl-cipher=name SSL cipher to use.  
 --ssl-key=name X509 key in PEM format.  
 --ssl-crl=name Certificate revocation list.  
 --ssl-crlpath=name Certificate revocation list path.  
 --tls-version=name TLS version to use, permitted values are: TLSv1, TLSv1.1, TLSv1.2  
 --ssl-fips-mode=name  
     SSL FIPS mode to use, permitted values are: OFF, ON, STRICT  
 -t, --table Output in table format.  
 --tee=name Append everything into outfile. See interactive help (\h) also. Does not work in batch mode. Disable with --disable-tee. This option is disabled by default.  
 -u, --user=name User for login if not current user.  
 -U, --safe-updates Only allow UPDATE and DELETE that uses keys.  
 -U, --i-am-a-dummy Synonym for option --safe-updates, -U.  
 -v, --verbose Write more. (-v -v -v gives the table output format).  
 -V, --version Output version information and exit.  
 -w, --wait Wait and retry if connection is down.  
 --connect-timeout=# Number of seconds before connection timeout.  
 --max-allowed-packet=#  
     The maximum packet length to send to or receive from server.  
 --net-buffer-length=#  
     The buffer size for TCP/IP and socket communication.  
 --select-limit=# Automatic limit for SELECT when using --safe-updates.  
 --max-join-size=# Automatic limit for rows in a join when using --safe-updates.  
 --show-warnings Show warnings after every statement.  
 -j, --syslog Log filtered interactive commands to syslog. Filtering of commands depends on the patterns supplied via histignore option besides the default patterns.  
 --plugin-dir=name Directory for client-side plugins.  
 --default-auth=name Default authentication client-side plugin to use.

- `--binary-mode` By default, ASCII '\0' is disallowed and '\r\n' is translated to '\n'. This switch turns off both features, and also turns off parsing of all client commands except \C and DELIMITER, in non-interactive mode (for input piped to mysql or loaded using the 'source' command). This is necessary when processing output from mysqlbinlog that may contain blobs.
- `--connect-expired-password` Notify the server that this client is prepared to handle expired password sandbox mode.

Default options are read from the following files in the given order:

/etc/my.cnf /etc/mysql/my.cnf /usr/local/mysql/etc/my.cnf ~/.my.cnf

The following groups are read: mysql client

The following options may be given as the first argument:

- `--print-defaults` Print the program argument list and exit.
- `--no-defaults` Don't read default options from any option file, except for login file.
- `--defaults-file=#` Only read default options from the given file #.
- `--defaults-extra-file=#` Read this file after the global files are read.
- `--defaults-group-suffix=#` Also read groups with concat(group, suffix)
- `--login-path=#` Read this path from the login file.

Variables (`--variable-name=value`)

and boolean options {FALSE|TRUE} Value (after reading options)

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auto-rehash	TRUE
auto-vertical-output	FALSE
bind-address	(No default value)
binary-as-hex	FALSE
character-sets-dir	(No default value)
column-type-info	FALSE
comments	FALSE
compress	FALSE
database	(No default value)
default-character-set	auto
delimiter	;
enable-cleartext-plugin	FALSE
vertical	FALSE
force	FALSE
histignore	(No default value)
named-commands	FALSE

ignore-spaces	FALSE
init-command	(No default value)
local-infile	FALSE
no-beep	FALSE
host	(No default value)
html	FALSE
xml	FALSE
line-numbers	TRUE
unbuffered	FALSE
column-names	TRUE
sigint-ignore	FALSE
port	0
prompt	mysql>
quick	FALSE
raw	FALSE
reconnect	TRUE
socket	(No default value)
server-public-key-path	(No default value)
get-server-public-key	FALSE
ssl-ca	(No default value)
ssl-capath	(No default value)
ssl-cert	(No default value)
ssl-cipher	(No default value)
ssl-key	(No default value)
ssl-crl	(No default value)
ssl-crlpath	(No default value)
tls-version	(No default value)
table	FALSE
user	(No default value)
safe-updates	FALSE
i-am-a-dummy	FALSE
connect-timeout	0
max-allowed-packet	16777216
net-buffer-length	16384
select-limit	1000
max-join-size	1000000
show-warnings	FALSE
plugin-dir	(No default value)
default-auth	(No default value)
binary-mode	FALSE
connect-expired-password	FALSE