

mysqlbinlog help信息

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[docker@lv067 binlog]$ mysqlbinlog --help
```

mysqlbinlog Ver 3.4 for Linux at x86_64

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Dumps a MySQL binary log in a format usable for viewing or for piping to the mysql command line client.

Usage: mysqlbinlog [options] log-files

-?, --help Display this help and exit.

--base64-output=name
 Determine when the output statements should be
 base64-encoded BINLOG statements: 'never' disables it and
 works only for binlogs without row-based events;
 'decode-rows' decodes row events into commented
 pseudo-SQL statements if the --verbose option is also
 given; 'auto' prints base64 only when necessary (i.e.,
 for row-based events and format description events). If
 no --base64-output[=name] option is given at all, the
 default is 'auto'.

--bind-address=name IP address to bind to.

--character-sets-dir=name
 Directory for character set files.

-d, --database=name List entries for just this database (local log only).

--rewrite-db=name Rewrite the row event to point so that it can be applied
 to a new database

-#, --debug[=#] This is a non-debug version. Catch this and exit.

--debug-check This is a non-debug version. Catch this and exit.

--debug-info This is a non-debug version. Catch this and exit.

--default-auth=name Default authentication client-side plugin to use.

-D, --disable-log-bin
 Disable binary log. This is useful, if you enabled
 --to-last-log and are sending the output to the same
 MySQL server. This way you could avoid an endless loop.
 You would also like to use it when restoring after a
 crash to avoid duplication of the statements you already
 have. NOTE: you will need a SUPER privilege to use this
 option.

-F, --force-if-open Force if binlog was not closed properly.
 (Defaults to on; use --skip-force-if-open to disable.)

-f, --force-read Force reading unknown binlog events.

-H, --hexdump Augment output with hexadecimal and ASCII event dump.

-h, --host=name Get the binlog from server.

-i, --idempotent Notify the server to use idempotent mode before applying
 Row Events

-l, --local-load=name
 Prepare local temporary files for LOAD DATA INFILE in the
 specified directory.

-o, --offset=# Skip the first N entries.

-p, --password[=name]
 Password to connect to remote server.

--plugin-dir=name Directory for client-side plugins.

-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).

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

-R, --read-from-remote-server Read binary logs from a MySQL server. This is an alias for read-from-remote-master=BINLOG-DUMP-NON-GTIDS.

--read-from-remote-master=name Read binary logs from a MySQL server through the COM_BINLOG_DUMP or COM_BINLOG_DUMP_GTID commands by setting the option to either BINLOG-DUMP-NON-GTIDS or BINLOG-DUMP-GTIDS, respectively. If --read-from-remote-master=BINLOG-DUMP-GTIDS is combined with --exclude-gtids, transactions can be filtered out on the master avoiding unnecessary network traffic.

--raw Requires -R. Output raw binlog data instead of SQL statements, output is to log files.

-r, --result-file=name Direct output to a given file. With --raw this is a prefix for the file names.

--secure-auth Refuse client connecting to server if it uses old (pre-4.1.1) protocol. Deprecated. Always TRUE

--server-id=# Extract only binlog entries created by the server having the given id.

--server-id-bits=# Set number of significant bits in server-id

--set-charset=name Add 'SET NAMES character_set' to the output.

-s, --short-form Just show regular queries: no extra info and no row-based events. This is for testing only, and should not be used in production systems. If you want to suppress base64-output, consider using --base64-output=never instead.

-S, --socket=name The socket file to use for connection.

--ssl-mode=name SSL connection mode.

--ssl Deprecated. Use --ssl-mode instead. (Defaults to on; use --skip-ssl to disable.)

--ssl-verify-server-cert Deprecated. Use --ssl-mode=VERIFY_IDENTITY instead.

--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

--start-datetime=name Start reading the binlog at first event having a datetime equal or posterior to the argument; the argument must be a date and time in the local time zone, in any format accepted by the MySQL server for DATETIME and TIMESTAMP types, for example: 2004-12-25 11:25:56 (you should probably use quotes for your shell to set it properly).

-j, --start-position=# Start reading the binlog at position N. Applies to the first binlog passed on the command line.

--stop-datetime=name Stop reading the binlog at first event having a datetime

equal or posterior to the argument; the argument must be a date and time in the local time zone, in any format accepted by the MySQL server for DATETIME and TIMESTAMP types, for example: 2004-12-25 11:25:56 (you should probably use quotes for your shell to set it properly).

`--stop-never` Wait for more data from the server instead of stopping at the end of the last log. Implicitly sets `--to-last-log` but instead of stopping at the end of the last log it continues to wait till the server disconnects.

`--stop-never-slave-server-id=#`
The slave `server_id` used for `--read-from-remote-server` `--stop-never`. This option cannot be used together with `connection-server-id`.

`--connection-server-id=#`
The slave `server_id` used for `--read-from-remote-server`. This option cannot be used together with `stop-never-slave-server-id`.

`--stop-position=#` Stop reading the binlog at position N. Applies to the last binlog passed on the command line.

`-t, --to-last-log` Requires `-R`. Will not stop at the end of the requested binlog but rather continue printing until the end of the last binlog of the MySQL server. If you send the output to the same MySQL server, that may lead to an endless loop.

`-u, --user=name` Connect to the remote server as username.

`-v, --verbose` Reconstruct pseudo-SQL statements out of row events. `-v` adds comments on column data types.

`-V, --version` Print version and exit.

`--open-files-limit=#`
Used to reserve file descriptors for use by this program.

`-c, --verify-binlog-checksum`
Verify checksum binlog events.

`--binlog-row-event-max-size=#`
The maximum size of a row-based binary log event in bytes. Rows will be grouped into events smaller than this size if possible. This value must be a multiple of 256.

`--skip-gtids` Do not preserve Global Transaction Identifiers; instead make the server execute the transactions as if they were new.

`--include-gtids=name`
Print events whose Global Transaction Identifiers were provided.

`--exclude-gtids=name`
Print all events but those whose Global Transaction Identifiers were provided.

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

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

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|---------------------------------|--------------------|
| <code>base64-output</code> | (No default value) |
| <code>bind-address</code> | (No default value) |
| <code>character-sets-dir</code> | (No default value) |
| <code>database</code> | (No default value) |
| <code>rewrite-db</code> | (No default value) |
| <code>default-auth</code> | (No default value) |
| <code>disable-log-bin</code> | FALSE |
| <code>force-if-open</code> | TRUE |
| <code>force-read</code> | FALSE |

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|----------------------------|----------------------|
| hexdump | FALSE |
| host | (No default value) |
| idempotent | FALSE |
| local-load | (No default value) |
| offset | 0 |
| plugin-dir | (No default value) |
| port | 0 |
| read-from-remote-server | FALSE |
| read-from-remote-master | (No default value) |
| raw | FALSE |
| result-file | (No default value) |
| secure-auth | TRUE |
| server-id | 0 |
| server-id-bits | 32 |
| set-charset | (No default value) |
| short-form | FALSE |
| socket | (No default value) |
| ssl | TRUE |
| ssl-verify-server-cert | 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) |
| start-datetime | (No default value) |
| start-position | 4 |
| stop-datetime | (No default value) |
| stop-never | FALSE |
| stop-never-slave-server-id | -1 |
| connection-server-id | -1 |
| stop-position | 18446744073709551615 |
| to-last-log | FALSE |
| user | (No default value) |
| open-files-limit | 64 |
| verify-binlog-checksum | FALSE |
| binlog-row-event-max-size | 4294967040 |
| skip-gtids | FALSE |
| include-gtids | (No default value) |
| exclude-gtids | (No default value) |

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