

NAME

mysqldumpslow – Summarize slow query log files

SYNOPSIS

mysqldumpslow [**options**] [*log_file ...*]

DESCRIPTION

The MySQL slow query log contains information about queries that take a long time to execute (see Section 5.4.5, “The Slow Query Log”). **mysqldumpslow** parses MySQL slow query log files and summarizes their contents.

Normally, **mysqldumpslow** groups queries that are similar except for the particular values of number and string data values. It “abstracts” these values to N and 'S' when displaying summary output. To modify value abstracting behavior, use the **-a** and **-n** options.

Invoke **mysqldumpslow** like this:

```
shell> mysqldumpslow [options] [log_file ...]
```

Example of usage:

```
shell> mysqldumpslow
```

Reading mysql slow query log from /usr/local/mysql/data/mysqld80-slow.log

Count: 1 Time=4.32s (4s) Lock=0.00s (0s) Rows=0.0 (0), root[root]@localhost
insert into t2 select * from t1

Count: 3 Time=2.53s (7s) Lock=0.00s (0s) Rows=0.0 (0), root[root]@localhost
insert into t2 select * from t1 limit N

Count: 3 Time=2.13s (6s) Lock=0.00s (0s) Rows=0.0 (0), root[root]@localhost
insert into t1 select * from t1

mysqldumpslow supports the following options.

- **--help**

Display a help message and exit.

- **-a**

Do not abstract all numbers to N and strings to 'S'.

- **--debug, -d**

Run in debug mode.

- **-g pattern**

Consider only queries that match the (**grep**-style) pattern.

- **-h host_name**

Host name of MySQL server for *-slow.log file name. The value can contain a wildcard. The default is * (match all).

- **-i name**

Name of server instance (if using **mysql.server** startup script).

- **-l**

Do not subtract lock time from total time.

- **-n N**

Abstract numbers with at least *N* digits within names.

- **-r**

Reverse the sort order.

- **-s *sort_type***

How to sort the output. The value of *sort_type* should be chosen from the following list:

- t, at: Sort by query time or average query time
- l, al: Sort by lock time or average lock time
- r, ar: Sort by rows sent or average rows sent
- c: Sort by count

By default, **mysqldumpslow** sorts by average query time (equivalent to **-s at**).

- **-t *N***

Display only the first *N* queries in the output.

- **--verbose, -v**

Verbose mode. Print more information about what the program does.

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SEE ALSO

For more information, please refer to the MySQL Reference Manual, which may already be installed locally and which is also available online at <http://dev.mysql.com/doc/>.

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