

NAME

dbiprof - command-line client for DBI::ProfileData

SYNOPSIS

See a report of the ten queries with the longest total runtime in the profile dump file *prof1.out*:

```
dbiprof prof1.out
```

See the top 10 most frequently run queries in the profile file *dbi.prof* (the default):

```
dbiprof --sort count
```

See the same report with 15 entries:

```
dbiprof --sort count --number 15
```

DESCRIPTION

This tool is a command-line client for the DBI::ProfileData. It allows you to analyze the profile data file produced by [DBI::ProfileDumper](#) and produce various useful reports.

OPTIONS

This program accepts the following options:

--number N

Produce this many items in the report. Defaults to 10. If set to “all” then all results are shown.

--sort field

Sort results by the given field. Sorting by multiple fields isn’t currently supported (patches welcome). The available sort fields are:

total

Sorts by total time run time across all runs. This is the default sort.

longest

Sorts by the longest single run.

count

Sorts by total number of runs.

first

Sorts by the time taken in the first run.

shortest

Sorts by the shortest single run.

key1

Sorts by the value of the first element in the Path, which should be numeric. You can also sort by **key2** and **key3**.

--reverse

Reverses the selected sort. For example, to see a report of the shortest overall time:

```
dbiprof --sort total --reverse
```

--match keyN=value

Consider only items where the specified key matches the given value. Keys are numbered from 1. For example, let’s say you used a [DBI::Profile](#) Path of:

```
[ DBIprofile_Statement, DBIprofile_Methodname ]
```

And called dbiprof as in:

```
dbiprof --match key2=execute
```

Your report would only show execute queries, leaving out prepares, fetches, etc.

If the value given starts and ends with slashes (/) then it will be treated as a regular

expression. For example, to only include SELECT queries where key1 is the statement:

```
dbiprof --match key1=/SELECT/
```

By default the match expression is matched case-insensitively, but this can be changed with the `--case-sensitive` option.

`--exclude keyN=value`

Remove items for where the specified key matches the given value. For example, to exclude all prepare entries where key2 is the method name:

```
dbiprof --exclude key2=prepare
```

Like `--match`, If the value given starts and ends with slashes (/) then it will be treated as a regular expression. For example, to exclude UPDATE queries where key1 is the statement:

```
dbiprof --match key1=/UPDATE/
```

By default the exclude expression is matched case-insensitively, but this can be changed with the `--case-sensitive` option.

`--case-sensitive`

Using this option causes `--match` and `--exclude` to work case-sensitively. Defaults to off.

`--delete`

Sets the `DeleteFiles` option to `DBI::ProfileData` which causes the files to be deleted after reading. See `DBI::ProfileData` for more details.

`--dumpnodes`

Print the list of nodes in the form of a perl data structure. Use the `-sort` option if you want the list sorted.

`--version`

Print the dbiprof version number and exit.

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SEE ALSO

[DBI::ProfileDumper](#), [DBI::Profile](#), [DBI](#).