



Linux Ubuntu 26.04 Manual Pages on command 'perf-data.1'

\$ man perf-data.1

PERF-DATA(1) perf Manual PERF-DATA(1)

NAME

perf-data - Data file related processing

SYNOPSIS

perf data [<common options>] <command> [<options>]",

DESCRIPTION

Data file related processing.

COMMANDS

convert

Converts perf data file into another format. It's possible to set data-convert debug variable to get debug messages from conversion, like: perf --debug data-convert data convert ...

OPTIONS FOR CONVERT

--to-ctf

Triggers the CTF conversion, specify the path of CTF data directory.

--to-json

Triggers JSON conversion. Specify the JSON filename to output.

--tod

Convert time to wall clock time.

-i

Specify input perf data file path.

-f, --force

Don't complain, do it.

--time

Only convert samples within given time window: <start>,<stop>. Times have the format seconds.nanoseconds. If start is not given (i.e. time string is ,x.y) then analysis starts at the beginning of the file. If stop time is not given (i.e. time string is x.y,) then analysis goes to end of file. Multiple ranges can be separated by spaces, which requires the argument to be quoted e.g. --time "1234.567,1234.789 1235,"

Also support time percent with multiple time ranges. Time string is 'a%/n,b%/m,...' or 'a%-b%,c%-%d,...'.

For example:

Select the second 10% time slice:

```
perf data convert --to-json out.json --time 10%/2
```

Select from 0% to 10% time slice:

```
perf data convert --to-json out.json --time 0%-10%
```

Select the first and second 10% time slices:

```
perf data convert --to-json out.json --time 10%/1,10%/2
```

Select from 0% to 10% and 30% to 40% slices:

```
perf data convert --to-json out.json --time 0%-10%,30%-40%
```

-v, --verbose

Be more verbose (show counter open errors, etc).

--all

Convert all events, including non-sample events (comm, fork, ...), to output. Default is off, only convert samples.

SEE ALSO

perf(1) [1] Common Trace Format - <http://www.ericniebler.com/ctf>

perf

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