



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

\$ man perf.1

PERF(1) perf Manual PERF(1)

NAME

perf - Performance analysis tools for Linux

SYNOPSIS

perf [--version] [--help] [OPTIONS] COMMAND [ARGS]

OPTIONS

-h, --help

Run perf help command.

-v, --version

Display perf version.

-vv

Print the compiled-in status of libraries.

--exec-path

Display or set exec path.

--html-path

Display html documentation path.

-p, --paginate

Set up pager.

--no-pager

Do not set pager.

--builddir-dir

Setup builddir cache directory. It has higher priority than builddir.dir config file

option.

--list-cmds

List the most commonly used perf commands.

--list-opts

List available perf options.

--debugfs-dir

Set debugfs directory or set environment variable PERF_DEBUGFS_DIR.

--debug

Setup debug variable (see list below) in value range (0, 10). Use like: --debug verbose

sets verbose = 1 --debug verbose=2 # sets verbose = 2

List of debug variables allowed to set:

verbose - general debug messages

ordered-events - ordered events object debug messages

data-convert - data convert command debug messages

stderr - write debug output (option -v) to stderr
in browser mode

perf-event-open - Print perf_event_open() arguments and
return value

kmaps - Print kernel and module maps (perf script
and perf report without browser)

--debug-file

Write debug output to a specified file.

DESCRIPTION

Performance counters for Linux are a new kernel-based subsystem that provide a framework for all things performance analysis. It covers hardware level (CPU/PMU, Performance Monitoring Unit) features and software features (software counters, tracepoints) as well.

SEE ALSO

perf-stat(1), perf-top(1), perf-record(1), perf-report(1), perf-list(1)

perf-amd-ibs(1), perf-annotate(1), perf-archive(1), perf-arm-spe(1), perf-bench(1), perf-

buildid-cache(1), perf-buildid-list(1), perf-c2c(1), perf-config(1), perf-data(1), perf-

diff(1), perf-evlist(1), perf-fttrace(1), perf-help(1), perf-inject(1), perf-intel-pt(1),

perf-iostat(1), perf-kallsyms(1), perf-kmem(1), perf-kvm(1), perf-lock(1), perf-mem(1),

perf-probe(1), perf-sched(1), perf-script(1), perf-test(1), perf-trace(1), perf-version(1)