

PERF(1)

perf Manual

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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.

Set up pager.

--no-pager

Do not set pager.

--builddir

**Setup builddir cache directory. It has higher priority than
builddir 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:

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

--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-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-ftrace(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),

Linux UBUNTU Manual Pages

trace(1), perf-version(1)

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