



Linux Ubuntu 26.04 Manual Pages on command 'trace-cmd.1'

\$ man trace-cmd.1

TRACE-CMD(1) libtracefs Manual TRACE-CMD(1)

NAME

trace-cmd - interacts with Ftrace Linux kernel internal tracer

SYNOPSIS

trace-cmd COMMAND [OPTIONS]

DESCRIPTION

The trace-cmd(1) command interacts with the Ftrace tracer that is built inside the Linux kernel. It interfaces with the Ftrace specific files found in the debugfs file system under the tracing directory. A COMMAND must be specified to tell trace-cmd what to do.

COMMANDS

- record - record a live trace and write a trace.dat file to the
 local disk or to the network.
- set - set a ftrace configuration parameter.
- report - reads a trace.dat file and converts the binary data to a
 ASCII text readable format.
- stream - Start tracing and read the output directly
- profile - Start profiling and read the output directly
- hist - show a histogram of the events.
- stat - show tracing (ftrace) status of the running system
- options - list the plugin options that are available to *report*
- start - start the tracing without recording to a trace.dat file.
- stop - stop tracing (only disables recording, overhead of tracer
 is still in effect)

restart - restart tracing from a previous stop (only effects recording)

extract - extract the data from the kernel buffer and create a trace.dat file.

show - display the contents of one of the Ftrace Linux kernel tracing files

reset - disables all tracing and gives back the system performance.

(clears all data from the kernel buffers)

clear - clear the content of the Ftrace ring buffers.

split - splits a trace.dat file into smaller files.

list - list the available plugins or events that can be recorded.

listen - open up a port to listen for remote tracing connections.

agent - listen on a vsocket for trace clients

setup-guest - create FIFOs for tracing guest VMs

restore - restore the data files of a crashed run of trace-cmd record

snapshot- take snapshot of running trace

stack - run and display the stack tracer

check-events - parse format strings for all trace events and return whether all formats are parseable

convert - convert trace files

attach - attach a host trace.dat file to a guest trace.dat file

dump - read out the meta data from a trace file

OPTIONS

-h, --help

Display the help text.

Other options see the man page for the corresponding command.

SEE ALSO

trace-cmd-record(1), trace-cmd-report(1), trace-cmd-hist(1), trace-cmd-start(1),
trace-cmd-stop(1), trace-cmd-extract(1), trace-cmd-reset(1), trace-cmd-restore(1),
trace-cmd-stack(1), trace-cmd-convert(1), trace-cmd-split(1), trace-cmd-list(1),
trace-cmd-listen(1), trace-cmd.dat(5), trace-cmd-check-events(1), trace-cmd-stat(1),
trace-cmd-attach(1)

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RESOURCES

<https://git.kernel.org/pub/scm/utils/trace-cmd/trace-cmd.git/>

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NOTES

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01/22/2026

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