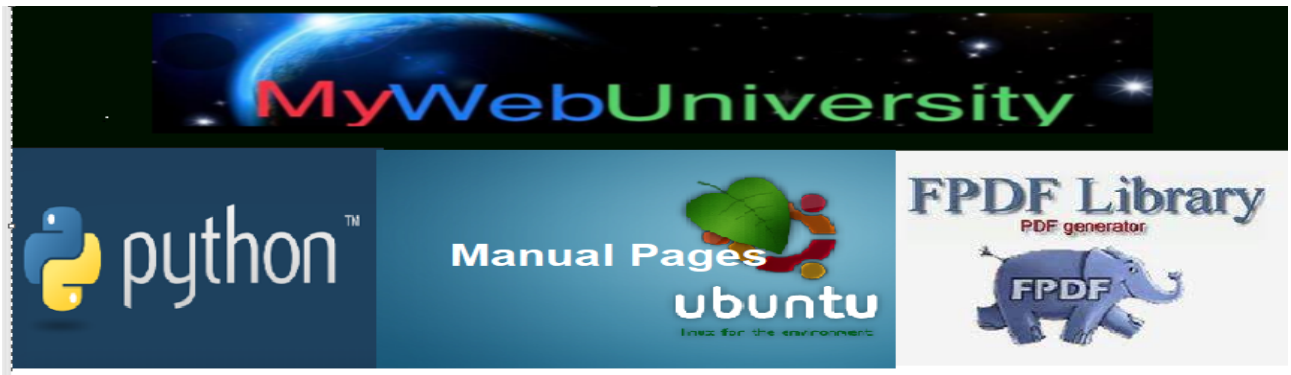


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## *Linux Ubuntu 26.04 Manual Pages on command 'trace-cmd-dump.1'*

***$ man trace-cmd-dump.1***

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

NAME

trace-cmd-dump - show a meta data from a trace file, created by trace-cmd record

SYNOPSIS

trace-cmd dump [OPTIONS] [input-file]

DESCRIPTION

The trace-cmd(1) dump command will display the meta data from a trace file created by trace-cmd record.

OPTIONS

-i input-file

By default, trace-cmd dump will read the file trace.dat. But the -i option open up the given input-file instead. Note, the input file may also be specified as the last item on the command line.

-v, --validate

Check if the input file is a valid trace file, created by trace-cmd.

--summary

Print a meta data summary - initial format and a short description of each file section. This is the default action, if no arguments are specified.

--head-page

Print the header page information, stored in the file.

--head-event

Print the event header information, stored in the file.

--ftrace-events

Print formats of ftrace specific events.

--systems

Print information of event systems, stored in the file - name and number of events for each system.

--events

Print formats of all events, stored in the file.

--kallsyms

Print information of the mapping of function addresses to the function names.

--printk

Print trace_printk() format strings, stored in the file.

--cmd-lines

Print mapping a PID to a process name.

--options

Print all options, stored in the file.

--flyrecord

Print the offset and the size of tracing data per each CPU.

--clock

Print the trace clock, used for timestamp of the tracing events, stored in the file.

--all

Print all meta data from the file.

--help

Print usage information.

--verbose[=level]

Set the log level. Supported log levels are "none", "critical", "error", "warning", "info", "debug", "all" or their identifiers "0", "1", "2", "3", "4", "5", "6". Setting the log level to specific value enables all logs from that and all previous levels. The level will default to "info" if one is not specified.

Example: enable all critical, error and warning logs

trace-cmd report --verbose=warning

EXAMPLES

# trace-cmd dump --summary -i trace.dat

Tracing meta data in file trace.dat:

[Initial format]

```
        6       [Version]
        0       [Little endian]
        8       [Bytes in a long]
        4096    [Page size, bytes]
    [Header info, 205 bytes]
    [Header event, 205 bytes]
    [Ftrace format, 15 events]
    [Events format, 2 systems]
    [Kallsyms, 7144493 bytes]
    [Trace printk, 2131 bytes]
    [Saved command lines, 117 bytes]
    8 [CPUs with tracing data]
    [12 options]
    [Flyrecord tracing data]
# trace-cmd dump --flyrecord -i trace.dat
    [Flyrecord tracing data]
        7176192 0       [offset, size of cpu 0]
        7176192 0       [offset, size of cpu 1]
        7176192 0       [offset, size of cpu 2]
        7176192 4096    [offset, size of cpu 3]
        7180288 4096    [offset, size of cpu 4]
        7184384 0       [offset, size of cpu 5]
        7184384 0       [offset, size of cpu 6]
        7184384 0       [offset, size of cpu 7]
# trace-cmd dump --summary --systems -i trace.dat
 Tracing meta data in file trace.dat:
    [Initial format]
        6       [Version]
        0       [Little endian]
        8       [Bytes in a long]
        4096    [Page size, bytes]
    [Header info, 205 bytes]
    [Header event, 205 bytes]
```

[Ftrace format, 15 events]

[Events format, 3 systems]

sched 23 [system, events]

irq 5 [system, events]

kvm 70 [system, events]

[Kallsyms, 7144493 bytes]

[Trace printk, 2131 bytes]

[Saved command lines, 157 bytes]

8 [CPUs with tracing data]

[11 options]

[Flyrecord tracing data]

# trace-cmd dump --summary --systems -i trace.dat

File trace.dat is a valid trace-cmd file

## SEE ALSO

trace-cmd(1), trace-cmd.dat(1)

## AUTHOR

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## RESOURCES

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

## COPYING



## NOTES

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