



Linux Ubuntu 26.04 Manual Pages on command 'strace-log-merge.1'

\$ man strace-log-merge.1

STRACE-LOG-MERGE(1) General Commands Manual STRACE-LOG-MERGE(1)

NAME

strace-log-merge - merge strace -ff -tt output

SYNOPSIS

strace-log-merge TRACE_LOG

strace-log-merge --help

DESCRIPTION

strace-log-merge merges log files produced by the strace -ff -tt[t] command. It prepends the Process ID (PID) to each line and sorts the combined output chronologically by time stamp.

OPTIONS

--help Show program usage and exit.

TRACE_LOG

Specifies the file name prefix for the log files produced by a strace -ff -tt[t] command. The utility will read all files matching the TRACE_LOG.* pattern.

EXIT STATUS

0 Success

Non-zero

An error occurred. This can be due to a missing argument (in which case usage information is printed) or a failure during the processing of the TRACE_LOG.* files.

USAGE EXAMPLE

```
$ strace -o sleepy -ff -tt -e trace=execve,nanosleep \
```

```
sh -c 'sleep 0.1 & sleep 0.2 & sleep 0.3'
```

```
$ strace-log-merge sleepy | fold -w 72 -s

13475 21:13:52.040837 execve("/bin/sh", ["sh", "-c", "sleep 0.1 & sleep
0.2 & sleep 0."...], 0x7ffde54b2450 /* 33 vars */) = 0
13478 21:13:52.044050 execve("/bin/sleep", ["sleep", "0.3"],
0x5631be4f87a8 /* 33 vars */) = 0
13476 21:13:52.044269 execve("/bin/sleep", ["sleep", "0.1"],
0x5631be4f87a8 /* 33 vars */) = 0
13477 21:13:52.044389 execve("/bin/sleep", ["sleep", "0.2"],
0x5631be4f87a8 /* 33 vars */) = 0
13478 21:13:52.046207 nanosleep({tv_sec=0, tv_nsec=300000000}, NULL) = 0
13476 21:13:52.046303 nanosleep({tv_sec=0, tv_nsec=100000000}, NULL) = 0
13477 21:13:52.046318 nanosleep({tv_sec=0, tv_nsec=200000000}, NULL) = 0
13476 21:13:52.146852 +++ exited with 0 +++
13475 21:13:52.146942 --- SIGCHLD {si_signo=SIGCHLD,
si_code=CLD_EXITED, si_pid=13476, si_uid=1000, si_status=0, si_utime=0,
si_stime=0} ---
13477 21:13:52.247782 +++ exited with 0 +++
13475 21:13:52.247885 --- SIGCHLD {si_signo=SIGCHLD,
si_code=CLD_EXITED, si_pid=13477, si_uid=1000, si_status=0, si_utime=0,
si_stime=0} ---
13478 21:13:52.347680 +++ exited with 0 +++
13475 21:13:52.347786 --- SIGCHLD {si_signo=SIGCHLD,
si_code=CLD_EXITED, si_pid=13478, si_uid=1000, si_status=0, si_utime=0,
si_stime=0} ---
13475 21:13:52.348069 +++ exited with 0 +++
```

NOTES

strace-log-merge may fail to correctly sort logs that were generated with -tt and span across midnight. This is because the standard -tt timestamp lacks date information, which is required for proper sorting. Using the -ttt option with strace solves this problem, as its timestamp format includes the date.

BUGS

strace-log-merge does not validate the format of the input files. It assumes that all files matching the STRACE_LOG.* glob pattern are correctly formatted log files from a single

strace session.

HISTORY

The initial version of strace-log-merge was written by Denys Vlasenko in 2012.

REPORTING BUGS

Problems with strace-log-merge should be reported to the strace mailing list at <strace-devel@lists.strace.io>.

SEE ALSO

strace(1)

strace 6.19

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