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Rocky Enterprise Linux 9.2 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 the output of strace -ff -tt[t] command, prepending PID to each line and sorting the result using time stamp as a key.

OPTIONS

--help Show program usage and exit.

TRACE_LOG

Output file name prefix of files produced by a strace -ff -tt[t] command.

EXIT STATUS

0 Success

Non-zero

Error occurred: either no argument specified (in that case a usage is printed), or something went wrong during the processing of STRACE_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 does not work well with strace logs generated by

strace -tt invocation that pass midnight, as those lack the information required for the proper sorting. Employing the -ttt option in the respective strace invocation should solve the problem.

BUGS

strace-log-merge does not perform any checks whether the files specified are in the correct format and implies that only files from a single strace session match STRACE_LOG.* glob pattern.

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 5.18

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