
Subject: Re: [PATCH] event: fix TP_printk() argument in sched_switch
Posted by [Steven Rostedt](#) on Thu, 03 Nov 2011 14:19:37 GMT
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On Wed, 2011-11-02 at 19:07 -0400, Steven Rostedt wrote:
> On Thu, 2011-11-03 at 01:40 +0300, Andrew Vagin wrote:
> > process_arg(...) can't parse "__entry->prev_state & (TASK_STATE_MAX-1)",
> > because a complicated argument should be within brackets.
>
> No it is fine, the userspace tool is broken.
>
> >
> > Without this patch "perf report" prints following errors:
> > \$./perf record -ag -e sched:sched_switch
> > ...
> > \$./perf report
> > Warning: Error: expected type 5 but read 4
> > Warning: Error: expected type 4 but read 0
> > Fatal: bad op token {
> >
> > Signed-off-by: Andrew Vagin <avagin@openvz.org>
>
> NACK!
>
> This is a perf userspace bug, not a kernel one. Please fix the userspace
> tool instead.
>
> Note, the new version of libparseevent handles this case without issue.
> Perf just needs to be updated.
>

Can you try this patch on perf. It's untested (not even compiled tested)

-- Steve

```
diff --git a/tools/perf/util/trace-event-parse.c b/tools/perf/util/trace-event-parse.c
index 0a7ed5b..6c164dc 100644
--- a/tools/perf/util/trace-event-parse.c
+++ b/tools/perf/util/trace-event-parse.c
@@ -1537,6 +1537,8 @@ process_flags(struct event *event, struct print_arg *arg, char **tok)
     field = malloc_or_die(sizeof(*field));

     type = process_arg(event, field, &token);
+ while (type == EVENT_OP)
+ type = process_op(event, field, &token);
     if (test_type_token(type, token, EVENT_DELIM, ","))
         goto out_free;
```
