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Subject: Re: [BUG]: Crash with CONFIG\_FAIR\_CGROUP\_SCHED=y  
Posted by [Dmitry Adamushko](#) on Fri, 09 Nov 2007 08:45:21 GMT  
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Hi Srivatsa,

```
> [ ... ]
> --
>
> current task is not present in its runqueue in case of sched_fair class
> tasks. Take care of this fact in rt_mutex_setprio(),
> sched_setscheduler() and sched_move_task() routines.
>
> Signed-off-by : Srivatsa Vaddagiri <vatsa@linux.vnet.ibm.com>
>
>
> ---
> kernel/sched.c | 45 ++++++-----
> 1 files changed, 25 insertions(+), 20 deletions(-)
>
> Index: current/kernel/sched.c
> =====
> --- current.orig/kernel/sched.c
> +++ current/kernel/sched.c
> @@ -3986,11 +3986,13 @@ void rt_mutex_setprio(struct task_struct
>     oldprio = p->prio;
>     on_rq = p->se.on_rq;
>     running = task_running(rq, p);
> -     if (on_rq) {
> +     if (on_rq)
>         dequeue_task(rq, p, 0);
> -         if (running)
> -             p->sched_class->put_prev_task(rq, p);
> -     }
> +     /* current task is not kept in its runqueue in case of sched_fair class.
> +      * Hence we need the 'on_rq?' and 'running?' tests to be separate.
```

Humm... the 'current' is not kept within the tree but  
current->se.on\_rq is supposed to be '1',  
so the old code looks ok to me (at least for the 'leaf' elements).

Maybe you were able to get more useful oops on your site?

```
> --
> Regards,
> vatsa
>
```

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Best regards,  
Dmitry Adamushko

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Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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