
Subject: Re: [RFC][PATCH] Isolate some explicit usage of task->tgid

Posted by [Oleg Nesterov](#) on Fri, 17 Aug 2007 13:49:05 GMT

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On 08/17, Pavel Emelyanov wrote:

```
>
> diff --git a/kernel/posix-cpu-timers.c b/kernel/posix-cpu-timers.c
> index b53c8fc..06a1e7d 100644
> --- a/kernel/posix-cpu-timers.c
> +++ b/kernel/posix-cpu-timers.c
> @@ -21,8 +21,8 @@ static int check_clock(const clockid_t w
>
> read_lock(&tasklist_lock);
> p = find_task_by_pid(pid);
> - if (!p || (CPUCLOCK_PERTHREAD(which_clock) ?
> -   p->tgid != current->tgid : p->tgid != pid)) {
> + if (!p || !(CPUCLOCK_PERTHREAD(which_clock) ?
> +   same_thread_group(p, current) : has_group_leader_pid(p)))
```

Could you use thread_group_leader() instead of has_group_leader_pid() for posix timers?

This is what the code means, and it is a bit faster. has_group_leader_pid() is a bit special, and imho should be avoided.

Otherwise I think the patch is nice, and the helper is really useful.

Oleg.
