Subject: Re: Getting the new RxRPC patches upstream
Posted by Oleg Nesterov on Mon, 23 Apr 2007 17:11:57 GMT
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On 04/23, David Howells wrote:
>
> > We only care when del_timer() returns true. In that case, if the timer
> > function still runs (possible for single-threaded wqs), it has already
> > passed __queue_work().
>
> Why do you assume that?

If del_timer() returns true, the timer was pending. This means it was started
by work->func() (note that __run_timers() clears timer_pending() before calling
timer->function). This in turn means that delayed_work_timer_fn() has already
called __queue_work(dwork), otherwise work->func() has no chance to run.

When del_timer() returns true and delayed_work_timer_fn() doesn't run we are
safe, this doesn't differ from del_timer_sync().

Oleg.

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