
Subject: Re: [PATCH] kthread: Spontaneous exit support
Posted by [Oleg Nesterov](#) on Mon, 23 Apr 2007 18:20:14 GMT
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On 04/23, Eric W. Biederman wrote:

>
> So I propose we add a kthread_orphan as a basic primitive to decrement the
> count on the task_struct if we want a kthread to simply exit after it
> has done some work.
>
> And as a helper function we can have a kthread_run_orphan.

Speaking about helpers, could we also add kthread_start(), which should be used instead of direct wake_up_process() ? Not that it is terribly important, but still.

Note that "kthread_create() pins the task_struct" allows us to cleanup the code. Look at this ugly "wait_to_die:" label in migration_thread(). Is is because migration_thread() can't exit until CPU_DEAD reaps it. Other reasons were already solved by kthread-enhance-kthread_stop-to-abort-interruptible-sleeps.patch

Oleg.

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