
Subject: Re: [PATCH] kthread: Spontaneous exit support
Posted by [Jan Engelhardt](#) on Tue, 24 Apr 2007 13:08:57 GMT
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On Apr 23 2007 12:25, Christoph Hellwig wrote:

>On Sun, Apr 22, 2007 at 09:12:55PM -0600, Eric W. Biederman wrote:

>>

>> This patch implements the kthread helper functions kthread_start

>> and kthread_end which make it simple to support a kernel thread

>> that may decided to exit on it's own before we request it to.

>> It is still assumed that eventually we will get around to requesting

>> that the kernel thread stop.

>

>I don't think having to parallel APIs is a good idea, people will

>get utterly confused which one to use. Better always grab a reference

>in kthread_create and drop it in kthread_stop. For normal thread

>no change in behaviour and only slightly more code in the slowpath.

I *am* already confused... a driver of mine does:

```
static __init int thkd_init(void)
{
    touch_task = kthread_run(touch_thread, Device, "thkd");
    ...
}
```

and

```
static __exit void thkd_exit(void)
{
    kthread_stop(touch_task);
    /* I bet something is missing */
}
```

now what good would kthread_run do me?

Jan

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