
Subject: Re: [PATCH] mtd_blkdevs: Convert to use the kthread API

Posted by [Christoph Hellwig](#) on Sun, 22 Apr 2007 19:26:46 GMT

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On Sun, Apr 22, 2007 at 02:23:00PM +0100, David Woodhouse wrote:

> On Sun, 2007-04-22 at 13:24 +0100, Christoph Hellwig wrote:

> > This is the full conversion I sent to Dave in April 2006, but never

> > got any feedback to:

>

> Sorry about that; I need prodding sometimes. I'll provide some now...

>

> Can you show me why the thread won't now miss a wakeup if it goes to

> sleep just as a new request is added to its queue?

Exactly the same thing that happened before. If you look at
wake_up_process it's just a tiny wrapper around try_to_wake_up.

And wake_up expands to __wake_up expanded to __wake_up_common
which just walks the list of threads attached to the waitqueue
and then calls curr->func, which expands to try_to_wake_up.

So when your thread still is in running state nothing changes.

If your thread is not in running state it'll get woken by both
variants.

Containers mailing list

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