Subject: Re: [PATCH] dvb\_en\_50221: Convert to kthread API Posted by akpm on Thu, 19 Apr 2007 22:34:13 GMT

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On Thu, 19 Apr 2007 01:59:04 -0600

"Eric W. Biederman" <ebiederm@xmission.com> wrote:

- > This patch is a minimal transformation to use the kthread API
- > doing it's best to preserve the existing logic.

>

- > Instead of starting kdvb-ca by calling kernel\_thread,
- > daemonize and sigfillset we kthread run is used.

>

- > Instead of tracking the pid of the running thread we instead
- > simply keep a flag to indicate that the current thread is
- > running, as that is all the pid is really used for.

>

- > And finally the kill\_proc sending signal 0 to the kernel thread to
- > ensure it is alive before we wait for it to shutdown is removed.
- > The kthread API does not provide the pid so we don't have that
- > information readily available and the test is just silly. If there
- > is no shutdown race the test is a useless confirmation of that the
- > thread is running. If there is a race the test doesn't fix it and
- > we should fix the race properly.

urgh, yes, this is just sad. We should convert this driver fully to the kthread API - it will end up much better.

I'll queue this up as a -mm-only thing as a gentle reminder that we should do it properly.

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