
Subject: Re: [PATCH] usbatm: Update to use the kthread api.

Posted by [ebiederm](#) on Wed, 13 Dec 2006 19:11:01 GMT

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Cedric Le Goater <clg@fr.ibm.com> writes:

> Eric W. Biederman wrote:

>> During driver initialization if the driver has an expensive
>> initialization routine usbatm starts a separate kernel thread for it.

>>

>> In the driver cleanup routine the code waits to ensure the
>> initialization routine has finished.

>>

>> Switching to the kthread api allowed some of the thread management
>> code to be removed.

>>

>> In addition the kill_proc(SIGTERM, ...) in usbatm_usb_disconnect was
>> removed because it was absolutely pointless. The kernel thread did
>> not handle SIGTERM or any pending signals, so despite marking the
>> signal as pending it would never have been handled.

>

> are you sure that the heavy_init() routines don't handle pending
> signals. they do firmware loading, etc. ?

Well I just took a quick look through them to be certain
and I don't see anything that would. Even inside of the guts of
request firmware. So I'm pretty certain that SIGTERM was something
originally copied from another kernel_thread implementation and
wound up being dead code.

Eric

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