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

Posted by [Alan Stern](#) on Fri, 15 Dec 2006 15:14:06 GMT

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On Fri, 15 Dec 2006, Christoph Hellwig wrote:

> > Are signals the best available mechanism to request that a thread
> > stop that can exit on it's own.
>
> Definitely not. signals should be avoided in kernel threads at all
> cost.

I have a driver that spawns a kernel thread (using kthread_create) which does I/O by calling vfs_write and vfs_read. It relies on signals to interrupt the I/O activity when necessary. Maybe this isn't a good way of doing things, but I couldn't think of anything better.

Do you have any suggestions?

Alan Stern

P.S.: What is the reason for saying "signals should be avoided in kernel threads at all cost"?

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