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Subject: Re: [PATCH] powerpc pseries eeh: Convert to kthread API  
Posted by [Benjamin Herrenschmid](#) on Tue, 24 Apr 2007 05:00:42 GMT  
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> Further in general it doesn't make sense to grab a module reference  
> and call that sufficient because we would like to request that the  
> module exits.

Which is, btw, I think a total misdesign of our module stuff, but heh, I remember that lead to some flamewars back then...

Like anything else, modules should have separated the entryptoints for

- Initiating a removal request
- Releasing the module

The former is use did "rmmod", can unregister things from subsystems, etc... (and can file if the driver decides to refuse removal requests when it's busy doing things or whatever policy that module wants to implement).

The later is called when all references to the modules have been dropped, it's a bit like the kref "release" (and could be implemented as one).

If we had done that (simple) thing back then, module refcounting would have been much less of a problem... I remember some reasons why that was veto'ed but I didn't and still don't agree.

Ben.

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