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Subject: Re: [PATCH RESEND 2/2] Fix some kallsyms\_lookup() vs rmmod races  
Posted by [Ingo Molnar](#) on Fri, 16 Mar 2007 16:18:53 GMT

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\* Paulo Marques <[pmarques@grupopie.com](mailto:pmarques@grupopie.com)> wrote:

> >looking at the problem from another angle: wouldnt this be something  
> >that would benefit from freeze\_processes()/unfreeze\_processes(), and  
> >hence no locking would be required?  
>  
> I also considered this, but it seemed a little too "blunt" to stop  
> everything (including completely unrelated processes and kernel  
> threads) just to remove a module.

'just to remove a module' is very, very rare, on the timescale of most  
kernel ops. Almost no distro does it. Furthermore, because we want to do  
CPU-hotplug that way, we really want to make  
freeze\_processes()/unfreeze\_processes() 'instantaneous' to the human -  
and it is that already. (if it isnt in some case we can make it so)

Ingo

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