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

* Paulo Marques <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