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Subject: Re: containers development plans (July 10 version)  
Posted by [Andrew Morton](#) on Tue, 10 Jul 2007 23:49:49 GMT  
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On Tue, 10 Jul 2007 16:39:43 -0500  
"Serge E. Hallyn" <[serge@hallyn.com](mailto:serge@hallyn.com)> wrote:

> We are trying to create a roadmap for the next year of  
> 'container' development, to be reported to the upcoming kernel  
> summit. Containers here is a bit of an ambiguous term, so we are  
> taking it to mean all of:  
>  
> 1. namespaces  
>       kernel resource namespaces to support resource isolation  
>       and virtualization for virtual servers and application  
>       checkpoint/restart.  
> 2. task containers framework  
>       the task containers (or, as Paul Jackson suggests, resource  
>       containers) framework by Paul Menage which especially  
>       provides a framework for subsystems which perform resource  
>       accounting and limits.  
> 3. checkpoint/restart

I would suggest that this material be fleshed out quite a lot with usage scenarios, applications, etc. Something which will help the kernel team at large understand the \*value\* of this work: what it offers our users.

Because people generally don't know that stuff yet. And if one starts explaining all this complexity, bug-potentiality and overhead-potentiality to kernel developers without first making it very clear what it will be gaining us, they will revolt.

IOW: do not presume that people want \*any\* of this stuff at this stage. First up, they need to get all fired up about how cool it all will be ;)

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