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Subject: Re: [PATCH 1/4] Virtualization/containers: introduction  
Posted by [Hubertus Franke](#) on Thu, 09 Feb 2006 16:38:31 GMT  
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Jeff Dike wrote:

> On Wed, Feb 08, 2006 at 05:24:16PM -0700, Eric W. Biederman wrote:  
>  
>>To deal with networking there are currently a significant number of  
>>variables with static storage duration. Making those variables global  
>>and placing them in structures is neither as efficient as it could be  
>>nor is it as maintainable as it should be. Other subsystems have  
>>similar problems.  
>  
>  
> BTW, there is another solution, which you may or may not consider to  
> be clean.  
>  
> That is to load a separate copy of the subsystem (code and data) as a  
> module when you want a new instance of it. The code doesn't change,  
> but you probably have to move it around some and provide some sort of  
> interface to it.  
>  
> I did this to the scheduler last year - see  
> <http://marc.theaimsgroup.com/?l=linux-kernel&m=111404726721747&w=2>  
>  
> Jeff  
>

Jeff, interesting, but won't that post some serious scalability issue?  
Imaging 100s of container/namespace ?

The namespace is mainly there to identify which data needs to be private  
when multiple instances of a subsystem are considered and  
encapsulate that data in an object/datastructure !

-- Hubertus

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