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Subject: Re: [RFC][PATCH 1/5] Virtualization/containers: startup

Posted by [dev](#) on Mon, 06 Feb 2006 08:58:39 GMT

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>>I think that a patch like this - particularly just the 1/5 part - makes  
>>total sense, because regardless of any other details of virtualization,  
>>every single scheme is going to need this.  
> I strongly disagree with this approach. I think Al Viro got it  
> right when he created a separate namespace for filesystems.  
These patch set introduces separate namespaces as those in filesystems.  
What exactly you don't like in this approach? Can you be more specific?

> First this presumes an all or nothing interface. But that is not  
> what people are doing. Different people want different subsets  
> of the functionality. For the migration work I am doing having  
> multiple meanings for the same uid isn't interesting.  
What do you mean by that? That you don't care about virtualization of  
UIDs? So your migration doesn't care at all whether 2 systems have same  
uids? Do you keep /etc/passwd in sync when do migration?  
Only full virtualization allows to migrate applications without bugs and  
different effects.

> Secondly by implementing this in one big chunk there is no  
> migration path when you want to isolate an additional part of the  
> kernel interface.  
>  
> So I really think an approach that allows for incremental progress  
> that allows for different subsets of this functionality to  
> be used is a better approach. In clone we already have  
> a perfectly serviceable interface for that and I have  
> seen no one refute that. I'm not sure I have seen anyone  
> get it though.  
Just introduce config option for each virtualization functionality.  
That's it.

> My apologies for the late reply I didn't see this thread until  
> just a couple of minutes ago. linux-kernel can be hard to  
> follow when you aren't cc'd.  
>  
>  
> Patches hopefully sometime in the next 24hours. So hopefully  
> conversation can be carried forward in a productive manner.  
Ok. I will remake them either :)

Kirill

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