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Subject: Re: [RFC][PATCH 3/4]: Enable multiple mounts of /dev/pts  
Posted by [Oren Laadan](#) on Tue, 12 Feb 2008 00:34:47 GMT  
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Serge E. Hallyn wrote:

> Quoting Oren Laadan (orenl@cs.columbia.edu):

>>

>> Serge E. Hallyn wrote:

>>> Quoting Oren Laadan (orenl@cs.columbia.edu):

>>>> Serge E. Hallyn wrote:

>>>>> Quoting Pavel Emelyanov (xemul@openvz.org):

>>>>>> Serge E. Hallyn wrote:

>>>>>>> Quoting Pavel Emelyanov (xemul@openvz.org):

>>>>>>>> sukadev@us.ibm.com wrote:

>>>>>>>>> From: Sukadev Bhattiprolu <sukadev@us.ibm.com>

>>>>>>>>> Subject: [RFC][PATCH 3/4]: Enable multiple mounts of /dev/pts

>>>> [SNIP]

>>>>

[SNIP again]

>>>>>> Besides, I planned to include legacy ptys virtualization and console

>>>>>> virtualizatin in this namespace, but it seems, that it is not present

>>>>>> in this particular one.

>>>>> I had been thinking the consoles would have their own ns, since there's

>>>>> really nothing linking them, but there really is no good reason why

>>>>> userspace should ever want them separate. So I'm fine with combining

>>>>> them.

>>>> If you want to run something like an X server inside each container

>>>> (eg each container holds a desktop session of a different user), then

>>>> you need a separate virtual-console namespace for each container.

>>> Ok, but whether the consoles and devpts are unshared with the same

>>> cloneflag or not isn't an issue, right?

>> true. (I misread your comment.)

>> (

>> modulo that we are additional-clone-flags-challenged ...)

>

> Right, plus the fact that the number of clone flags involved becomes

> almost obscene. Let's see if Pavel and Suka have a preference, since

> one of them seems likely to end up coding it :)

>

>>>> (yes, X per-se needs to provide remote display as opposed to use

>>>> local hardware; see <http://www.ncl.cs.columbia.edu/research/thinc/>)

>

> Nice, by the way :)

>

Thanks :)

Still off-topic, this is even nicer (also requires ultrafast checkpoint):  
[http://www.ncl.cs.columbia.edu/publications/sosp2007\\_dejaview](http://www.ncl.cs.columbia.edu/publications/sosp2007_dejaview)

>>> -serge  
>  
> thanks,  
> -serge

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Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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