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Subject: Re: [PATCH 11/13] Changes to show virtual ids to user  
Posted by [Pavel Emelianov](#) on Thu, 31 May 2007 07:57:37 GMT  
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Cedric Le Goater wrote:

> Hello !

>

>>>> The worst case I can see with pid == 0. Is that it would be a bug  
>>>> that we can fix later. For other cases it would seem to be a user  
>>>> space API thing that we get stuck with for all time.

>>> We cannot trust userspace application to expect some pid other than  
>>> positive. All that we can is either use some always-absent pid or  
>>> send the signal as SI\_KERNEL.

>>>

>>> Our experience show that making decisions like above causes random  
> <>> applications failures that are hard (or even impossible) to debug.

>

>> Ok. So I guess I see what you are proposing is picking an arbitrary  
>> pid, say pid == 2, and reserving that in all pid namespaces and using  
>> it when we have a pid that does not map to a specific namespace. I'm  
>> fine with that.

>>

>> All I care about is that we have a solution, preferably simple,  
>> to the non-mapped pid problem.

>

> Pavel, are you against using pid == 0 and setting si\_code to SI\_KERNEL ?

I think I am. A quick grep through the code revealed one place where  
this can happen, so I believe application are (have to be) somehow  
prepared to this.

> C.

>

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