

---

Subject: Re: [PATCH 2/6] Rename pid\_nr function  
Posted by [Pavel Emelianov](#) on Fri, 13 Jul 2007 14:09:31 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Serge E. Hallyn wrote:

> Quoting Pavel Emelianov (xemul@openvz.org):  
>> sukadev@us.ibm.com wrote:  
>>> Pavel Emelianov [xemul@openvz.org] wrote:  
>>> | sukadev@us.ibm.com wrote:  
>>> | > Subject: [PATCH 2/6] Rename pid\_nr function  
>>> | >  
>>> | > From: Sukadev Bhattiprolu <sukadev@us.ibm.com>  
>>> | >  
>>> | > Rename pid\_nr() function to pid\_to\_nr() which is more descriptive  
>>> | > and will hopefully cause less confusion with new structure/functions  
>>> | > being added to support multiple pid namespaces.  
>>> |  
>>> | Don't we need at least two convertors:  
>>> | pid\_to\_nr\_as\_it\_seen\_by\_current()  
>>> | and  
>>> | pid\_to\_nr\_as\_it\_seen\_by\_some\_other\_task()  
>>>  
>>> Can you give me an example of where you would use this latter  
>>> (pid\_to\_nr\_as\_it\_seen\_by\_some\_other\_task()) interface ?  
>> Easy. Consider you're observing /proc/<pid>/status file for a task  
>> that lives in two namespaces - init and some created. When making  
>> "cat" on this from init namespace you must get the task's pid as it  
>> is seen from init namespace, but when making "cat" from the created  
>> namespace you must see the pid as it is seen by this namespace. And  
>> so on and so forth.  
>  
> But 'current' in that case is the process reading the file, so you do in  
> fact want to use pid\_to\_nr\_as\_it\_seen\_by\_current().

Well. I see. There's a misleading in names. Better would be called them  
pid\_nr\_as\_it\_is\_seen\_by\_the\_owning\_task\_when\_he\_reads\_it() %)  
and  
pid\_nr\_as\_it\_is\_seen\_by\_arbitrary\_task()

the first one is pid\_vnr() the second is pid\_nr\_ns().

> -serge

---

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

---