
Subject: Re: [PATCH 15/15] Hooks over the code to show correct values to user
Posted by [Sukadev Bhattiprolu](#) on Fri, 27 Jul 2007 05:57:36 GMT

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Pavel Emelianov [xemul@openvz.org] wrote:

```
| diff -upr linux-2.6.23-rc1-mm1.orig/fs/proc/array.c  
| linux-2.6.23-rc1-mm1-7/fs/proc/array.c  
| --- linux-2.6.23-rc1-mm1.orig/fs/proc/array.c 2007-07-26  
| 16:34:45.000000000 +0400  
| +++ linux-2.6.23-rc1-mm1-7/fs/proc/array.c 2007-07-26  
| 16:36:36.000000000 +0400  
| @@ -77,6 +77,7 @@  
| #include <linux/cpuset.h>  
| #include <linux/rcupdate.h>  
| #include <linux/delayacct.h>  
| +#include <linux/pid_namespace.h>  
|  
| #include <asm/pgtable.h>  
| #include <asm/processor.h>  
| @@ -161,7 +162,9 @@ static inline char *task_state(struct ta  
| struct group_info *group_info;  
| int g;  
| struct fdtable *fdt = NULL;  
| + struct pid_namespace *ns;  
|  
| + ns = current->nsproxy->pid_ns;  
| rcu_read_lock();  
| buffer += sprintf(buffer,  
| "State:\t%s\n"  
| @@ -172,9 +175,12 @@ static inline char *task_state(struct ta  
| "Uid:\t%d\t%d\t%d\t%d\n"  
| "Gid:\t%d\t%d\t%d\t%d\n",  
| get_task_state(p),  
| - p->tgid, p->pid,  
| - pid_alive(p) ? rcu_dereference(p->real_parent)->tgid : 0,  
| - pid_alive(p) && p->ptrace ? rcu_dereference(p->parent)->pid  
| : 0,  
| + task_tgid_nr_ns(p, ns),  
| + task_pid_nr_ns(p, ns),  
| + pid_alive(p) ?  
| + task_ppid_nr_ns(p, ns) : 0,  
| + pid_alive(p) && p->ptrace ?  
| + task_tgid_nr_ns(rcu_dereference(p->parent), ns) : 0,
```

Hmm. I think we have this reversed here. We should print the 'tgid' of task->real_parent and 'pid' of task->parent.
