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Subject: Re: [PATCH 5/6] Use task\_pid() to find leader's pid  
Posted by [Pavel Emelianov](#) on Fri, 13 Jul 2007 05:22:26 GMT  
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sukadev@us.ibm.com wrote:

> Subject: [PATCH 5/6] Use task\_pid() to find leader's pid  
>  
> From: Sukadev Bhattiprolu <sukadev@us.ibm.com>  
>  
> Use task\_pid() to get leader's pid since find\_pid() cannot be used  
> after detach\_pid(). See comments in the code below for more details.  
>  
> Signed-off-by: Sukadev Bhattiprolu <sukadev@us.ibm.com>

Acked-by: Pavel Emelianov <xemul@openvz.org>

> ---  
> fs/exec.c | 9 +++++++-  
> 1 file changed, 8 insertions(+), 1 deletion(-)  
>  
> Index: lx26-22-rc6-mm1/fs/exec.c  
> =====  
> --- lx26-22-rc6-mm1.orig/fs/exec.c 2007-07-05 18:56:53.000000000 -0700  
> +++ lx26-22-rc6-mm1/fs/exec.c 2007-07-05 18:58:32.000000000 -0700  
> @@ -905,10 +905,17 @@ static int de\_thread(struct task\_struct  
> \* The old leader becomes a thread of the this thread group.  
> \* Note: The old leader also uses this pid until release\_task  
> \* is called. Odd but simple and correct.  
> + \* Note: With multiple pid namespaces, active pid namespace of  
> + \* a process is stored in its struct pid. The detach\_pid  
> + \* below frees the struct pid, so we will have no notion  
> + \* of an active pid namespace until we complete the  
> + \* subsequent attach\_pid(). Which means - calls like  
> + \* find\_pid()/pid\_to\_nr() return NULL and cannot be used  
> + \* between the detach\_pid() and attach\_pid() calls.  
> \*/  
> detach\_pid(tsk, PIDTYPE\_PID);  
> tsk->pid = leader->pid;  
> - attach\_pid(tsk, PIDTYPE\_PID, find\_pid(tsk->pid));  
> + attach\_pid(tsk, PIDTYPE\_PID, task\_pid(leader));  
> transfer\_pid(leader, tsk, PIDTYPE\_PGID);  
> transfer\_pid(leader, tsk, PIDTYPE\_SID);  
> list\_replace\_rcu(&leader->tasks, &tsk->tasks);  
>  
> \_\_\_\_\_  
> Containers mailing list  
> Containers@lists.linux-foundation.org  
> <https://lists.linux-foundation.org/mailman/listinfo/containers>  
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