
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);
>

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