
Subject: Re: [PATCH 3/5] Use task_pid() to find leader's pid
Posted by [Oleg Nesterov](#) on Sun, 15 Jul 2007 12:17:50 GMT
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Sukadev Bhattiprolu wrote:

```
>  
> 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.  
>  
> ...  
>  
> + * 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.
```

I think both the changelog and the comment are confusing,

```
> 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));
```

because the change itself looks like an obvious performance fix, even we don't use multiple pid namespaces. I don't think it is good idea to add a fat comment which doesn't match the current reality, and find_pid() should be avoided anyway.

Stupid question: why do we need to put the pid namespace into the struct pid? Isn't it better if the user of the struct pid should know its ns? For example, if /proc does put_pid(), that pid should be from the active namespace.

Sukadev, could you cc me if you do that kind of changes?

Oleg.

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