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Subject: Re: Processes with multiple pid\_t values  
Posted by [Herbert Poetzl](#) on Wed, 13 Dec 2006 08:10:24 GMT  
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On Tue, Dec 12, 2006 at 02:34:20PM -0700, Eric W. Biederman wrote:  
> "Serge E. Hallyn" <serue@us.ibm.com> writes:  
>  
> > Sigh, here we go back again to the question of what to do in the case  
> > of a lightweight container which doesn't have a /sbin/init. Let's say  
> > I do  
> > spawn\_container(fork\_and\_exit(sleep 30m));  
> >  
> > so pid 1 forks, pid 2 sleeps 30 minutes, but pid 1 exits right after  
> > the fork. What do we do? Create an idle pid 1? Tack a struct pid  
> > to the parent namespaces' pid=1 making it pid=1 for the child namespace?

it would be perfectly fine, as long as the following is true:

- only the pid remains, not the associated task
- a 'fallback' reaper takes care of reaping the children (in the lightweight case)
- the task creating the container does not need to 'hang' around outside the container

> I was thinking whoever called spawn container would be pid 1.  
> But I agree that is only a partial solution.

> It definitely makes sense to worry about this question later when all  
> of the rest of the details for system containers are sorted out.

okay, as long as 'we' do not forget about this  
on the way ...

best,  
Herbert

> Eric  
> \_\_\_\_\_  
> Containers mailing list  
> Containers@lists.osdl.org  
> <https://lists.osdl.org/mailman/listinfo/containers>

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