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Subject: Re: Attaching PID 0 to a cgroup  
Posted by [Dhaval Giani](#) on Tue, 01 Jul 2008 10:51:26 GMT  
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On Tue, Jul 01, 2008 at 06:28:07PM +0800, Li Zefan wrote:  
> CC: Paul Jackson <pj@sgi.com>  
>  
> Dhaval Giani wrote:  
> > [put in the wrong alias for containers list correcting it.]  
> >  
> > On Tue, Jul 01, 2008 at 03:15:45PM +0530, Dhaval Giani wrote:  
> >> Hi Paul,  
> >>  
> >> Attaching PID 0 to a cgroup caused the current task to be attached to  
> >> the cgroup. Looking at the code,  
> >>  
>  
> [...]  
>  
> >>  
> >> I was wondering, why this was done. It seems to be unexpected behavior.  
> >> Wouldn't something like the following be a better response? (I've used  
> >> EINVAL, but I can change it to ESRCH if that is better.)  
> >>  
>  
> Why is it unexpected? it follows the behavior of cpuset, so this patch will  
> break backward compatibility of cpuset.

Ah, I was not aware of that. Thanks!

>  
> But it's better to document this.  
>

Yes please.

> -----  
>  
> Document the following cgroup usage:  
> # echo 0 > /dev/cgroup/tasks  
>  
> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

Acked-by: Dhaval Giani <dhaval@linux.vnet.ibm.com>

> ---  
> cgroups.txt | 4 ++++  
> 1 file changed, 4 insertions(+)

```
>
> diff --git a/Documentation/cgroups.txt b/Documentation/cgroups.txt
> index 824fc02..213f533 100644
> --- a/Documentation/cgroups.txt
> +++ b/Documentation/cgroups.txt
> @@ -390,6 +390,10 @@ If you have several tasks to attach, you have to do it one after
another:
> ...
> # /bin/echo PIDn > tasks
>
> +You can attach the current task by echoing 0:
> +
> +# /bin/echo 0 > tasks
> +
> 3. Kernel API
> =====
>
>
```

--  
regards,  
Dhaval

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

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