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Subject: Re: [PATCH 3/7] Containers (V8): Add generic multi-subsystem API to containers

Posted by [Srivatsa Vaddagiri](#) on Sat, 07 Apr 2007 04:11:36 GMT

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On Fri, Apr 06, 2007 at 04:32:24PM -0700, menage@google.com wrote:

```
> +static int attach_task(struct container *cont, struct task_struct *tsk)
> {
```

[snip]

```
> + task_lock(tsk);
```

You need to check here if task state is PF\_EXITING and fail with -ESRCH if so? Otherwise we risk breaking refcount on init\_container\_group.

```
> + rcu_assign_pointer(tsk->containers, newcgroup);
> + task_unlock(tsk);
```

--

Regards,  
vatsa

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Subject: Re: [PATCH 3/7] Containers (V8): Add generic multi-subsystem API to containers

Posted by [Paul Menage](#) on Sat, 07 Apr 2007 17:30:27 GMT

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On 4/6/07, Srivatsa Vaddagiri <vatsa@in.ibm.com> wrote:

> On Fri, Apr 06, 2007 at 04:32:24PM -0700, menage@google.com wrote:

```
> > +static int attach_task(struct container *cont, struct task_struct *tsk)
```

```
> > {
```

```
>
```

```
> [snip]
```

```
>
```

```
> > + task_lock(tsk);
```

```
>
```

> You need to check here if task state is PF\_EXITING and fail with

> -ESRCH if so? Otherwise we risk breaking refcount on

> init\_container\_group.

```
>
```

Yes, I think you're right; I've now changed it to this in my tree:

```
task_lock(tsk);
if (tsk->flags & PF_EXITING) {
```

```
        task_unlock(tsk);  
        put_container_group(newcgroup);  
        return -ESRCH;  
    }  
    rcu_assign_pointer(tsk->containers, newcgroup);  
    task_unlock(tsk);
```

Thanks,

Paul

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