
Subject: Re: Attaching PID 0 to a cgroup
Posted by [Dhaval Giani](#) on Tue, 01 Jul 2008 21:54:48 GMT
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On Tue, Jul 01, 2008 at 11:48:31PM +0200, Andrea Righi wrote:

> 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.

>>

>> But it's better to document this.

>>

>> -----

>>

>> Document the following cgroup usage:

>> # echo 0 > /dev/cgroup/tasks

>>

>> Signed-off-by: Li Zefan <lizf@cn.fujitsu.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
>> =====
>
> Wouldn't be more meaningful to specify the bash's builtin echo here
> even if it doesn't opportunely handle write() errors?
>
> Using /bin/echo would attach /bin/echo itself to the cgroup, that just
> exists, so it seems like a kind of noop, isn't it?
>
```

Yes, you are right. this example should use bash's builtin echo.

--
regards,
Dhaval

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