Subject: Re: Attaching PID 0 to a cgroup
Posted by Li Zefan on Tue, 01 Jul 2008 10:28:07 GMT

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
 =============
```

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