
Subject: [PATCH] reject '
' in a cgroup name

Posted by [yamamoto](#) on Thu, 24 Jan 2008 05:20:49 GMT

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hi,

the following patch rejects '\n' in a cgroup name.
otherwise /proc/\$\$/cgroup is not parsable.

example:

```
imawoto% cat /proc/$$/cgroup
memory:/
imawoto% mkdir -p "
memory:/foo"
imawoto% echo $$ >| "
memory:/foo/tasks"
imawoto% cat /proc/$$/cgroup
memory:/
memory:/foo
imawoto%
```

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--- linux-2.6.24-rc8-mm1/kernel/cgroup.c.BACKUP 2008-01-23 14:43:29.000000000 +0900

+++ linux-2.6.24-rc8-mm1/kernel/cgroup.c 2008-01-24 13:56:28.000000000 +0900

```
@ @ -2216,6 +2216,10 @ @ static long cgroup_create(struct cgroup
struct cgroup_subsys *ss;
struct super_block *sb = root->sb;
```

```
+ /* reject a newline. otherwise /proc/$$/cgroup is not parsable. */
+ if (strchr(dentry->d_name.name, '\n'))
+ return -EINVAL;
+
+ cgrp = kzalloc(sizeof(*cgrp), GFP_KERNEL);
+ if (!cgrp)
+ return -ENOMEM;
```

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