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

Posted by [KAMEZAWA Hiroyuki](#) on Wed, 30 Jan 2008 01:32:15 GMT

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On Sun, 27 Jan 2008 23:49:04 -0800

"Paul Menage" <menage@google.com> wrote:

> Looks sensible - maybe we should ban all characters not in [a-zA-Z0-9._-] ?

>

Hmm, ' ' (white space) please.

but it seems that the cgroup rejects multibyte character names.

(I myself don't like it but..)

So, please add a section for 'acceptable names for cgroup' to cgroup documentation.

Thanks,

-Kame

> Paul

>

> On Jan 23, 2008 9:20 PM, YAMAMOTO Takashi <yamamoto@valinux.co.jp> wrote:

>> 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%

>>

>> YAMAMOTO Takashi

>>

>>

>> Signed-off-by: YAMAMOTO Takashi <yamamoto@valinux.co.jp>

>> ---

>>

```
> > --- 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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