
Subject: Re: [PATCH] reject '

' in a cgroup name

Posted by [Paul Menage](#) on Mon, 28 Jan 2008 07:49:04 GMT

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

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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