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Subject: [PATCH -mm] cgroup: fix boot option parsing  
Posted by [Li Zefan](#) on Mon, 17 Mar 2008 08:24:57 GMT  
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When boot with 'cgroup\_disable=cpuacct', it turns out subsystem 'cpu' is disabled.

When Balbir posted the patch to add cgroup boot option support, Paul M noticed this problem, but the patch was accepted without fixing it.

Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

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kernel/cgroup.c | 15 ++++++-----  
1 files changed, 6 insertions(+), 9 deletions(-)

```
diff --git a/kernel/cgroup.c b/kernel/cgroup.c
index e8e8ec4..54c28ea 100644
--- a/kernel/cgroup.c
+++ b/kernel/cgroup.c
@@ -3062,25 +3062,22 @@ static void cgroup_release_agent(struct work_struct *work)
 static int __init cgroup_disable(char *str)
 {
     int i;
+ char *token;
+
+ while ((token = strsep(&str, ",")) != NULL) {
+ if (!*token)
+ continue;

- while (*str) {
     for (i = 0; i < CGROUP_SUBSYS_COUNT; i++) {
         struct cgroup_subsys *ss = subsys[i];

- if (!strncmp(str, ss->name, strlen(ss->name))) {
+ if (!strcmp(token, ss->name)) {
             ss->disabled = 1;
             printk(KERN_INFO "Disabling %s control group"
                    " subsystem\n", ss->name);
             break;
         }
     }
- /*
- * Find the next option if any
- */
- while (*str && (*str != ','))
- str++;
- if (*str == ',')
```

```
- str++;
}
return 1;
}
```

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1.5.4.rc3

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Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>

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Subject: Re: [PATCH -mm] cgroup: fix boot option parsing

Posted by [Paul Menage](#) on Mon, 17 Mar 2008 08:26:57 GMT

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On Mon, Mar 17, 2008 at 4:24 PM, Li Zefan <lizf@cn.fujitsu.com> wrote:

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> 'cpu' is disabled.

>

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> Paul M noticed this problem, but the patch was accepted without

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> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

Acked-by: Paul Menage <menage@google.com>

> ---

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> --- a/kernel/cgroup.c

> +++ b/kernel/cgroup.c

> @@ -3062,25 +3062,22 @@ static void cgroup\_release\_agent(struct work\_struct \*work)

> static int \_\_init cgroup\_disable(char \*str)

> {

> int i;

> + char \*token;

> +

> + while ((token = strsep(&str, ",")) != NULL) {

> + if (!\*token)

> + continue;

>

> - while (\*str) {

> for (i = 0; i < CGROUP\_SUBSYS\_COUNT; i++) {

```

>         struct cgroup_subsys *ss = subsys[i];
>
> -         if (!strncmp(str, ss->name, strlen(ss->name))) {
> +         if (!strcmp(token, ss->name)) {
>             ss->disabled = 1;
>             printk(KERN_INFO "Disabling %s control group"
>                 " subsystem\n", ss->name);
>             break;
>         }
>     }
> -     /*
> -     * Find the next option if any
> -     */
> -     while (*str && (*str != ','))
> -         str++;
> -     if (*str == ',')
> -         str++;
>     }
>     return 1;
> }
> --
> 1.5.4.rc3
>

```

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