
Subject: [RFC][PATCH] CGroups: Include hierarchy ids in /proc/<pid>/cgroup
Posted by [Paul Menage](#) on Wed, 09 Apr 2008 00:05:51 GMT
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[The RFC associated with this patch is whether there's a better way to export such information in a way that's simultaneously extensible, human-readable and machine-parsable]

CGroups: Include hierarchy ids in /proc/<pid>/cgroup

This patch extends the /proc/<pid>/cgroup file to include the appropriate hierarchy ID on each line. Currently this ID isn't really needed since a hierarchy can be completely identified by the set of subsystems bound to it, but this is likely to change in the near future in order to support stateless subsystems and merging/rebinding of subsystems. Getting this change into 2.6.25 reduces the need for an API change later.

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

kernel/cgroup.c | 1 +
1 file changed, 1 insertion(+)

Index: cgroup-2.6.25-rc8-mm1/kernel/cgroup.c

```
=====
--- cgroup-2.6.25-rc8-mm1.orig/kernel/cgroup.c
+++ cgroup-2.6.25-rc8-mm1/kernel/cgroup.c
@@ -2613,6 +2613,7 @@ static int proc_cgroup_show(struct seq_f
/* Skip this hierarchy if it has no active subsystems */
if (!root->actual_subsys_bits)
    continue;
+ seq_printf(m, "%lu:", root->subsys_bits);
  for_each_subsys(root, ss)
    seq_printf(m, "%s%s", count++ ? ", " : "", ss->name);
  seq_putc(m, ':');
```

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