
Subject: [PATCH] Use task_pgrp() and task_session() in setpgid/setsid
Posted by [Sukadev Bhattiprolu](#) on Thu, 22 Feb 2007 23:30:51 GMT
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From: Sukadev Bhattiprolu <sukadev@us.ibm.com>
Subject: [PATCH] Use task_pgrp() and task_session() in setpgid/setsid

Use the container-friendly interfaces task_pgrp() and task_session()
in getpgid() and setpgid().

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kernel/sys.c | 14 ++++++-----
1 file changed, 7 insertions(+), 7 deletions(-)

Index: lx26-20-mm1/kernel/sys.c

```
=====
--- lx26-20-mm1.orig/kernel/sys.c 2007-02-16 14:42:41.000000000 -0800
+++ lx26-20-mm1/kernel/sys.c 2007-02-16 15:42:09.000000000 -0800
@@ -1483,7 +1483,7 @@ asmlinkage long sys_setpgid(pid_t pid, p
     if (err)
        goto out;

- if (process_group(p) != pgid) {
+ if (pid_nr(task_pgrp(p)) != pgid) {
     detach_pid(p, PIDTYPE_PGID);
     p->signal->pgrp = pgid;
     attach_pid(p, PIDTYPE_PGID, find_pid(pgid));
@@ -1499,7 +1499,7 @@ out:
asmlinkage long sys_getpgid(pid_t pid)
{
    if (!pid)
- return process_group(current);
+ return pid_nr(task_pgrp(current));
    else {
        int retval;
        struct task_struct *p;
@@ -1511,7 +1511,7 @@ asmlinkage long sys_getpgid(pid_t pid)
    if (p) {
        retval = security_task_getpgid(p);
        if (!retval)
- retval = process_group(p);
+ retval = pid_nr(task_pgrp(p));
```

```

    }
    read_unlock(&tasklist_lock);
    return retval;
@@ -1523,7 +1523,7 @@ asmlinkage long sys_getpgid(pid_t pid)
asmlinkage long sys_getpgrp(void)
{
    /* SMP - assuming writes are word atomic this is fine */
- return process_group(current);
+ return pid_nr(task_pgrp(current));
}

#endif
@@ -1531,7 +1531,7 @@ asmlinkage long sys_getpgrp(void)
asmlinkage long sys_getsid(pid_t pid)
{
    if (!pid)
- return process_session(current);
+ return pid_nr(task_session(current));
    else {
        int retval;
        struct task_struct *p;
@@ -1543,7 +1543,7 @@ asmlinkage long sys_getsid(pid_t pid)
        if (p) {
            retval = security_task_getsid(p);
            if (!retval)
-         retval = process_session(p);
+         retval = pid_nr(task_session(p));
        }
        read_unlock(&tasklist_lock);
        return retval;
@@ -1580,7 +1580,7 @@ asmlinkage long sys_setsid(void)
    group_leader->signal->tty = NULL;
    spin_unlock(&group_leader->sigband->siglock);

- err = process_group(group_leader);
+ err = pid_nr(task_pgrp(group_leader));
out:
    write_unlock_irq(&tasklist_lock);
    return err;

```

Containers mailing list
Containers@lists.osdl.org
<https://lists.osdl.org/mailman/listinfo/containers>
