
Subject: + use-task_pgrp-task_session-in-copy_process.patch added to -mm tree
Posted by [akpm](#) on Thu, 15 Mar 2007 19:54:44 GMT
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The patch titled

Use task_pgrp() task_session() in copy_process()
has been added to the -mm tree. Its filename is
use-task_pgrp-task_session-in-copy_process.patch

*** Remember to use Documentation/SubmitChecklist when testing your code ***

See <http://www.zip.com.au/~akpm/linux/patches/stuff/added-to-mm.txt> to find
out what to do about this

Subject: Use task_pgrp() task_session() in copy_process()
From: Sukadev Bhattiprolu <sukadev@us.ibm.com>

Use task_pgrp() and task_session() in copy_process(), and avoid find_pid()
call when attaching the task to its process group and session.

Signed-off-by: Sukadev Bhattiprolu <sukadev@us.ibm.com>
Cc: Cedric Le Goater <clg@fr.ibm.com>
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Acked-by: Eric W. Biederman <ebiederm@xmission.com>
Signed-off-by: Andrew Morton <akpm@linux-foundation.org>

kernel/fork.c | 9 +++-----
1 file changed, 3 insertions(+), 6 deletions(-)

diff -puN kernel/fork.c~use-task_pgrp-task_session-in-copy_process kernel/fork.c

--- a/kernel/fork.c~use-task_pgrp-task_session-in-copy_process
+++ a/kernel/fork.c

@@ -1241,14 +1241,11 @@ static struct task_struct *copy_process(
tracehook_init_task(p);

if (thread_group_leader(p)) {
- pid_t pgid = process_group(current);
- pid_t sid = process_session(current);
-
p->signal->tty = current->signal->tty;
- p->signal->pgrp = pgid;
+ p->signal->pgrp = process_group(current);
set_signal_session(p->signal, process_session(current));
- attach_pid(p, PIDTYPE_PGID, find_pid(pgid));

```
- attach_pid(p, PIDTYPE_SID, find_pid(sid));  
+ attach_pid(p, PIDTYPE_PGID, task_pgrp(current));  
+ attach_pid(p, PIDTYPE_SID, task_session(current));
```

```
list_add_tail_rcu(&p->tasks, &init_task.tasks);  
__get_cpu_var(process_counts)++;
```

—

Patches currently in -mm which might be from sukadev@us.ibm.com are

attach_pid-with-struct-pid-parameter.patch
statically-initialize-struct-pid-for-swapper.patch
explicitly-set-pgid-and-sid-of-init-process.patch
use-struct-pid-parameter-in-copy_process.patch
remove-the-likelypid-check-in-copy_process.patch
use-task_pgrp-task_session-in-copy_process.patch
kill-unused-session-and-group-values-in-rocket-driver.patch
fix-some-coding-style-errors-in-autofs.patch
replace-pid_t-in-autofs-with-struct-pid-reference.patch

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