
Subject: [patch 43/68] Use task_pgrp() task_session() in copy_process()
Posted by [akpm](#) on Fri, 11 May 2007 05:23:04 GMT
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Use task_pgrp() and task_session() in copy_process(), and avoid find_pid()
call when attaching the task to its process group and session.

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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

@@ -1249,14 +1249,11 @@ static struct task_struct *copy_process(
__ptrace_link(p, current->parent);

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)++;
-

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