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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\_PPID, find\_pid(pgid));

- attach\_pid(p, PIDTYPE\_SID, find\_pid(sid));

+ attach\_pid(p, PIDTYPE\_PPID, 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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Containers mailing list

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