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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

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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>  
Cc: Dave Hansen <haveblue@us.ibm.com>  
Cc: Serge Hallyn <serue@us.ibm.com>  
Cc: <containers@lists.osdl.org>  
Acked-by: Eric W. Biederman <ebiederm@xmission.com>  
Signed-off-by: Andrew Morton <akpm@linux-foundation.org>

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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

@@ -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)++;
```

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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

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

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