
Subject: [PATCH 3/12] tty: Fix the locking for signal->session in disassociate_ctty
Posted by [ebiederm](#) on Wed, 13 Dec 2006 11:07:47 GMT
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commit 24ec839c431eb79bb8f6abc00c4e1eb3b8c4d517 while fixing
the locking for signal->tty got the locking wrong for
signal->session. This places our accesses of signal->session
back under the tasklist_lock where they belong.

Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

drivers/char/tty_io.c | 4 +---
1 files changed, 1 insertions(+), 3 deletions(-)

diff --git a/drivers/char/tty_io.c b/drivers/char/tty_io.c
index acb2f5d..628925e 100644

--- a/drivers/char/tty_io.c
+++ b/drivers/char/tty_io.c
@@ -1496,7 +1496,6 @@ void disassociate_ctty(int on_exit)
{
 struct tty_struct *tty;
 int tty_pgrp = -1;
- int session;

lock_kernel();

@@ -1530,7 +1529,6 @@ void disassociate_ctty(int on_exit)

spin_lock_irq(¤t->sigband->siglock);
 current->signal->tty_old_pgrp = 0;
- session = process_session(current);
 spin_unlock_irq(¤t->sigband->siglock);

mutex_lock(&tty_mutex);

@@ -1549,7 +1547,7 @@ void disassociate_ctty(int on_exit)

/* Now clear signal->tty under the lock */
 read_lock(&tasklist_lock);
- session_clear_tty(session);
+ session_clear_tty(process_session(current));
 read_unlock(&tasklist_lock);
 unlock_kernel();
}

--

1.4.4.1.g278f

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