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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](mailto:ebiederm@xmission.com)>

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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(&current->sigand->siglock);  
    current->signal->tty_old_pgrp = 0;  
- session = process_session(current);  
    spin_unlock_irq(&current->sigand->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();  
}
```

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1.4.4.1.g278f

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