
Subject: [PATCH 2/12] tty: Clarify disassociate_ctty
Posted by [ebiederm](#) on Wed, 13 Dec 2006 11:07:46 GMT
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The code to look at tty_old_pgrp and send SIGHUP and SIGCONT when it is present only executes when disassociate_ctty is called from do_exit. Make this clear by adding an explicit on_exit check, and explicitly setting tty_old_pgrp to 0.

In addition fix the locking by reading tty_old_pgrp under the siglock.

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

drivers/char/tty_io.c | 8 ++++++--
1 files changed, 6 insertions(+), 2 deletions(-)

```
diff --git a/drivers/char/tty_io.c b/drivers/char/tty_io.c
index bb09e4a..acb2f5d 100644
--- a/drivers/char/tty_io.c
+++ b/drivers/char/tty_io.c
@@ -1508,8 +1508,12 @@ void disassociate_ctty(int on_exit)
 /* XXX: here we race, there is nothing protecting tty */
 if (on_exit && tty->driver->type != TTY_DRIVER_TYPE_PTY)
     tty_vhangup(tty);
- } else {
-     pid_t old_pgrp = current->signal->tty_old_pgrp;
+ } else if (on_exit) {
+     pid_t old_pgrp;
+     spin_lock_irq(&current->sigband->siglock);
+     old_pgrp = current->signal->tty_old_pgrp;
+     current->signal->tty_old_pgrp = 0;
+     spin_unlock_irq(&current->sigband->siglock);
     if (old_pgrp) {
         kill_pg(old_pgrp, SIGHUP, on_exit);
         kill_pg(old_pgrp, SIGCONT, on_exit);
     }
 }
--
1.4.4.1.g278f
```

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