
Subject: Re: Batch mode and ssh...

Posted by [Dave\[5\]](#) on Thu, 22 Jul 2010 12:47:55 GMT

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On Jul 22, 2:40 pm, Dave <riebe...@gmail.com> wrote:

> On Jul 22, 2:21 pm, FÖLDY Lajos <fo...@rmki.kfki.hu> wrote:

>

>> On Thu, 22 Jul 2010, Dave wrote:

>>> Ah. I'm still having trouble logging out of the remote host. I

>>> detach the screen, but logout still hangs. :/ Any ideas?

>

>> What does 'ps -flu your_user_name' show before logout?

>

>> Pressing Ctrl-C (or killing the ssh command from an other window) helps

>> sometime. Try it and then login again to check your job's status.

>

>> regards,

>> lajos

>

> As Paulo mentions, I think it has something to do with the X server.

> Ps -flu immediately before logout gives me:

>

> driebel mars 23> ps -flu driebel

> F S UID PID PPID C PRI NI ADDR SZ WCHAN STIME TTY

> TIME CMD

> 5 S driebel 26861 26857 0 75 0 - 22568 stext 07:38 ?

> 00:00:00 sshd: driebel@notty

> 0 S driebel 26862 26861 0 85 0 - 17676 rt_sig 07:38 ?

> 00:00:00 tcsh -c /usr/libexec/openssh/sftp-server

> 0 S driebel 26914 26862 0 75 0 - 14031 - 07:38 ?

> 00:00:00 /usr/libexec/openssh/sftp-server

> 1 S driebel 28872 1 0 76 0 - 6444 stext 07:55 ?

> 00:00:00 SCREEN

> 0 S driebel 28873 28872 0 75 0 - 2387 - 07:55 pts/38

> 00:00:00 -usr/bin/tcsh

> 5 S driebel 30715 30711 0 75 0 - 22735 stext 08:36 ?

> 00:00:00 sshd: driebel@pts/16

> 0 S driebel 30738 30715 0 75 0 - 17744 rt_sig 08:36 pts/16

> 00:00:00 -tcsh

> 1 S driebel 30813 1 0 76 0 - 6444 stext 08:37 ?

> 00:00:00 SCREEN

> 0 S driebel 30814 30813 0 76 0 - 2387 - 08:37 pts/41

> 00:00:00 -usr/bin/tcsh

> 0 S driebel 30862 30814 28 79 4 - 84446 643279 08:37 pts/41

> 00:00:07 /opt/rsi/idl/bin/bin.linux.x86_64/idl script_test

> 0 R driebel 30907 30738 0 76 0 - 3674 - 08:38 pts/16

> 00:00:00 ps -flu driebel

> driebel mars 24>

>
> Previously, ctrl-c has indeed unhung logout, but doing so kills the
> remote IDL script.

More info:

I am directing output to a logfile using:

```
nohup nice /opt/rsi/idl/bin/idl batch_script >& log &
```

I detach this screen, and then attempt to logout of the remote machine. Logout hangs, and I kill it using ctrl-C. This breaks my IDL script, and the logfile tells me why:
X connection to localhost:19.0 broken (explicit kill or server shutdown).

So it definitely has something to do with the X server. Even if I'm running IDL inside a screen on the remote machine, the X server is still being run on my local laptop. I confess, this level of window management/X servers is a little beyond my level of computer knowledge. I don't know how to make the X server be hosted by the remote computer.

Dave
