
Subject: Re: Batch mode and ssh...

Posted by [Dave\[5\]](#) on Thu, 22 Jul 2010 11:22:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

Wow, thanks, lajos. I'm experimenting with screen to see how it works.

I notice that if I ask screen for the processes it's detached from (using screen -list) I see a list of processes that seem to be on my local machine, even though they are executing on the remote system. Perhaps it's a stupid question, but turning my local system off wouldn't kill the execution I started remotely, would it? It's not "dependent" on the local process still?

Dave

On Jul 22, 11:48 am, FÖLDY Lajos <fo...@rmki.kfki.hu> wrote:

> On Thu, 22 Jul 2010, Dave wrote:

>> I need to execute an idl script that will take ~2 days to run. I'd
>> like to run this on a remote system I SSH into in batch mode so that I
>> can log off and use my local machine for other things. However, I
>> cannot seem to both log off and get useful output from my script. My
>> first attempt was to write a batch mode script containing
>> (find_model_orich is the lengthy program):

>
>> .compile /home/driebel/IDL/Astro_lib/pro/readcol.pro
>> .compile find_model_orich
>> find_model_orich,/graph
>> retall
>> exit

>> I then executed this from the command line using:

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

>> This does execute the program correctly in the background, but I
>> cannot logout of the terminal without killing the execution. Thus, my
>> laptop is stuck at work, holding open a terminal. The internet
>> advised me that this was because of the way SSH interacts with
>> background scripts and to try redirecting the output:

>> nohup nice /opt/rsi/idl/bin/idl batch_script >& /dev/null &

>> Indeed, I can now logout of the terminal, but ALL my output, such as
>> the various graphs and text files my routine should generate (and I
>> want, of course), get sent to /dev/null. Is there are way to get IDL
>> batch mode to still output my graphs in the background, but to let me
>> close my SSH session to the remote machine? Thanks,

>> Dave

>

> I use GNU screen (<http://www.gnu.org/software/screen/>) for long runs.

> You can deattach the terminal and logout, then login later again and

> reattach it.

>

> regards,

> lajos
