
Subject: Re: submit idl job with AT command?

Posted by [Kenneth P. Bowman](#) on Fri, 02 Apr 2004 05:23:40 GMT

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In article <7f0cc27.0404011908.3562b15@posting.google.com>, tbeetz@yahoo.com (Tobi) wrote:

> i am trying to run a calculation on a remote computer. since it takes
> a long time for it to finish, i would like to submit it as a job and
> then eventually even close the shell and not worry about it. here is
> what i have been trying to do:

Here is a short script called run_test that runs the IDL program TEST in the background:

```
#!/bin/tcsh
```

```
#To run use:
```

```
#nohup run_test &
```

```
(echo .run tes ; \
```

```
echo TEST ; \
```

```
echo exit) | \
```

```
idl >>test.out
```

This particular program uses t-shell, but similar things work in other shells. You can queue up whatever IDL commands you want with echo and then pipe them to idl. You can even pass arguments to the IDL program from the command line this way. Output is redirected to test.out. You can logout after starting the job.

Ken Bowman

Subject: Re: submit idl job with AT command?

Posted by [Pepijn Kenter](#) on Fri, 02 Apr 2004 08:05:25 GMT

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Kenneth P. Bowman wrote:

> In article <7f0cc27.0404011908.3562b15@posting.google.com>,

> tbeetz@yahoo.com (Tobi) wrote:

>

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> #!/bin/tcsh
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> #To run use:
> #nohup run_test &
>
> (echo .run tes ; \
> echo TEST ; \
> echo exit) | \
> idl >>test.out
```

I always use:

```
echo TEST | idl >> test.out
```

This works for me since test.pro is compiled automatically and on my system idl exits after running test when it is called this way.

But the main reason for me to reply is that you might be interested in the 'screen' command. This can be used to log out while your programs keep running. Unlike the nohup command, you can open the original shell again later. So you could start an idl session at work, close the terminal, go home and continue working sitting in your lazy chair.

I must admit I've never tried it, but I've read about it here:

<http://www.kuro5hin.org/story/2004/3/9/16838/14935>

Official home page is here:

<http://www.gnu.org/software/screen/screen.html>

Pepijn.

Subject: Re: submit idl job with AT command?

Posted by [Chad Bender](#) on Fri, 02 Apr 2004 21:15:32 GMT

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