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Subject: Re: Problems with long IDL background jobs  
Posted by [R.Bauer](#) on Thu, 06 Nov 2003 17:11:11 GMT  
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Hi

I know this problem too. My solution is to start the session without the X-Server. If I did only a ssh -C then it works while ssh -XC doesn't.

If you have only a terminal connection then nothing which requires X is started. I think the problem belongs more to the OS or user environment as to idl.

regards  
Reimar

J.K. wrote:

> I have some processing that takes about 12hrs so  
> I'd like to run this in the background. I'm on  
> IRIX. It must be something simple that I'm doing  
> wrong. After I log out and close my X11 connections,  
> I'll get a message in my log file:  
>  
> XIO: fatal IO error 131 (Connection reset by peer) on X server "xxxxxxx:0.0"  
> after 116 requests (116 known processed) with 0 events remaining.  
>  
> Am I not redirecting standard out properly?  
> Below is what I'm doing. Any help appreciated.  
>  
> idlstartbg.pro startup file, I only set the path, no device commands.  
> !PATH=!PATH+":~/idl:~/wave/wvproc:~/wave/fermi98  
>  
> runidl batch file:  
> #!/bin/csh  
> setenv IDL\_STARTUP idlstartbg.pro  
> idl \$1 >& log.\$1 &  
>  
> runback.pro  
> .run sdsnan  
> exit  
>  
> sdsnan.pro is a main  
> filelist = strarr(600)  
> openr, unit, "list",/get\_lun

```
> i = -1
> fn = ''
> while (not eof(unit)) do begin
>   i = i + 1
>   readf, unit, fn
>   filelist(i) = fn
>   print, i,filelist(i)
> endwhile
> close, unit
> ; do lots of other stuff with some print statments
> end
>
> How I execute:
> nohup runidl runback >& out &
>
> exit (close X window)
>
>
> Produces:
> out: empty
> log.runback has standard out but also the X11 message and job does not
>   complete.
>
> What am I doing wrong?
> If I change all print to printf in sdsnan.pro to write to a file it
> works but why can't I capture the standard out?
>
> Thanks,
> John K.
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a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)  
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