
Subject: Problems with long IDL background jobs
Posted by [ellips](#) on Thu, 06 Nov 2003 16:12:58 GMT
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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.
