Subject: Problems with long IDL background jobs
Posted by ellips on Thu, 06 Nov 2003 16:12:58 GMT

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 "xxxxxxxx: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.