## Subject: Re: Capturing screen output (stdout/stderr redirect problem) Posted by Gary Swift on Thu, 29 Nov 2001 10:05:50 GMT

View Forum Message <> Reply to Message

> David Shadovitz wrote: > I'd like to capture that information in a log file, so I tried redirecting standard output, like this: > \$ cat cpsub2 echo "computePPP, /batch, inputfile='abc.hdf'" | idl > cplog2 > > > [snip] > > As you can see, now only the IDL messages are written to the screen. > But the PRINT statement outputs aren't sent to the log file! Upon > completion, cplog2 is a 0-byte file. Then I tried redirecting both standard output and standard error: > \$ cat cpsub3 echo "computePPP, /batch, inputfile='abc.hdf'" | idl > cplog3 2>&1 > \$ cpsub3 > \$ > Now nothing is written to the screen. But neither is it going to the > log file! Upon completion, cplog3 is a 0-byte file. >> >> Wow! I ran the same test under IDL 5.2.1 on the same machine, and it worked! So I >> wonder whether it is an IDL 5.4 bug, as you suggest, or whether our admins somehow >> blew it on the installation. I'll start a new thread, asking other Solaris / IDL >> 5.4 users to try this out. There is a bug in IDL 5.4 for Solaris (on SPARC only, not x86 I think) with redirecting stdout or stderr. RSI says it's been fixed in 5.5. The workaround is to do a flush, -1 and/or flush, -2 whenever you care about the output. I suspect this is your problem. We've been adding the flushes routinely at the end of our event managers, just in

Hope that solves your problem.

-- Gary Swift

case, especially if something does a spawn of a UNIX command.

Design MatriX

http://www.designmatrix.com Email: gary @designmatrix.com

Phone: 310 455 3107

IDL services: http://www.designmatrix.com/services/IDL.html