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Subject: Capturing screen output

Posted by [David Shadovitz](#) on Tue, 20 Nov 2001 20:27:29 GMT

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I'm running IDL 5.4 on a Sun.

I've got a file, cpsub1, which looks like this:

```
$ cat cpsub1
echo "computePPP, /batch, inputfile='abc.hdf'" | idl
```

If I run it by simply typing cpsub1 at the command line, all of the IDL messages and PRINT statement outputs are sent to the screen:

```
$ cpsub1
% Compiled module: MODULE1
% Compiled module: MODULE2
% Compiled module: MODULE3
Entered main routine...
Computing the power...
Done.
$
```

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
```

```
$ cpsub2
% Compiled module: MODULE1
% Compiled module: MODULE2
% Compiled module: MODULE3
$
```

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.

Can anyone help me capture the IDL messages and the PRINT statement output into a file? I'm running my code in this odd manner because ultimately I want to run the job in batch mode via 'ssub'.

Thanks.

-David Shadovitz

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