
Subject: error handling child process

Posted by [george](#) on Mon, 09 Dec 1996 08:00:00 GMT

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Phil, yes it is unix (SGI IRIX). I am sorry to say, /noshell doesn't work.

```
IDL> spawn,["ls"],listing
% SPAWN: Error managing child process.
  Resource temporarily unavailable
% Execution halted at: $MAIN$
```

```
IDL> spawn,["ls"],listing,/noshell
% SPAWN: Error managing child process.
  Resource temporarily unavailable
% Execution halted at: $MAIN$
```

If I delvar all the variables in \$MAIN\$, there is still a large amount of memory being used,

```
IDL> help,/memory
heap memory in use: 44491251, calls to MALLOC: 110618, FREE:
110249
```

Am I right to think that allocated memory is in common blocks, and if so, what is the way to delete common block allocation. My goal is still to SPAWN a child process, which several of my procedures do. The only other thing that I can think of is to arrange for enough swap space to set aside the IDL process in memory (as you described).

Thank you, George McCabe, HSTX @ NASA/GSFC, george.mccabe@gsfc.nasa.gov

On Mon, 09 Dec 1996 14:00:38 -0500, Phil Williams wrote:

```
> George,
>
> Are you running under UNIX? If so you might try to use the /noshell
> keyword to the spawn call. When you run w/o IDL needs enough swap space
> to copy the entire contents of the IDL process, which can be HUGE.
>
> Hope this helps,
> pmw
>
> --
> /*****
> Phil Williams, Ph.D.
```

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