Subject: "Can't create pipe" on call to spawn.
Posted by andrew.p.walsh on Wed, 17 Jul 2013 15:51:12 GMT

Hi All,

I've come across a bit of a bizarre problem:

I have a routine that loads data from ~10^6 individual files and partway through processing the list IDL stops being able to locate the files with file_search (I don't know the names of the files ahead of time).

It seems that the IDL session is locked out of the system completely, it can't locate and compile routines like read_ascii, can't connect to the X server to open graphics windows and I can't even retrieve a directory listing with

spawn, ls

or

$ls

This is where it returns "Can't create pipe."

Does anyone have any idea what's going on? I have version 8.2.1 on 64 bit linux (Ubuntu 12.04).

Andrew

Subject: Re: "Can't create pipe" on call to spawn.
Posted by Nigel Wade on Wed, 17 Jul 2013 16:20:20 GMT

On 17/07/13 16:51, andrew.p.walsh@gmail.com wrote:
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>
> Andrew
>

You have probably exceeded the system defined, per-process, limit on open file descriptors (check out ulimit).

Are you sure that you are properly closing each file after you've finished with it, and allowing all pipes etc. to close?

--
Nigel Wade

Subject: Re: "Can't create pipe" on call to spawn.
Posted by andrew.p.walsh on Thu, 18 Jul 2013 08:57:02 GMT
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That was it, thanks!