
Subject: Problem with SPAWN()

Posted by [sciprogrammer](#) on Tue, 21 Jan 2003 00:18:36 GMT

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I'm having trouble with the SPAWN() command. When I load-level IDL using lsrn (part of the LSF suite of load-balancing software) I see a strange problem where calls to SPAWN() produce a "no such file or directory" error. This happens with even very simple commands. Here's an example:

Start with a very simple .pro file that spawns the pwd command:

```
% cat test2.pro
spawn,'/bin/pwd'
exit
```

Load-level IDL using lsrn:

```
% lsrn -m "lsf002" idl test2
[...usual IDL startup message...]
% SPAWN: Error managing child process.
  No such file or directory
```

That fails, but if I load-level the pwd command directly it works:

```
% lsrn -m "lsf002" /bin/pwd
/u/burruss
```

I can also get this to work if I use SPAWN() with the NOSHELL keyword as in this example:

```
spawn,['/bin/pwd'],/noshell
exit
```

The only thing I can think of is that perhaps the "no such file or directory" message comes from IDL trying to start up a non-existent shell. Does anyone have any ideas about this? How does SPAWN() select which shell to start?

The platforms I'm using are Tru64 5.1, HP-UX 11i, and RedHat 7.3 Linux. I'm using IDL version 5.5.

Justin

Subject: Re: problem with spawn

Posted by [Robert Moss](#) on Sun, 17 Aug 2003 15:39:45 GMT

mads wrote:

```
> hi,  
> I am trying to train a network using SNNS( I am new to SNNS).Now I have  
> heard of some batch processing thats possible in SNNS and I have posted abt  
> that in the AI group. I would like it if anyone in this group has info on  
> that.  
> My actual problem is : when i type spawn, 'xgui' i get the following error :  
> bash:xgui command not found. what is the problem? i have already set up snns  
> using swsetup snns.  
> bye  
> m  
>  
>
```

Sounds like xgui is not in your !path. Alternatively you could create an alias for xgiu that contains the full file specification for its location.

Robert

Subject: Re: problem with spawn

Posted by [tianyf_cn](#) on Mon, 18 Aug 2003 03:07:05 GMT

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It seems that the host operating system can not find the `xgui` commmand. Check the \$PATH variable of your OS. If you use Linux, you can do like this:

```
echo $PATH
```

If 'xgui' path is not included in \$PATH, you should add it yourself by editing the login script of your shell(such as .cshrc for CSH in your home directory).

Tian.

Robert Moss <rm moss@cox.net> wrote in message
news:<[TkN%a.7609\\$uh6.2806@lakeread05](#)>...

```
> mads wrote:  
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>>
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> an alias for xgiu that contains the full file specification for its
> location.
>
> Robert

Subject: Re: problem with spawn
Posted by [mads](#) on Mon, 18 Aug 2003 04:56:16 GMT
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"TIAN Yunfeng" <tianyf_cn@yahoo.com.cn> wrote in message
news:42e9d2cb.0308171907.74fddfcbb@posting.google.com...
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Check
> the \$PATH variable of your OS. If you use Linux, you can do like this:
> echo \$PATH
> If 'xgui' path is not included in \$PATH, you should add it yourself by
editing
> the login script of your shell(such as .cshrc for CSH in your home
directory).
>

worked like a charm.....thanks a lot Robert and Tian
bye
M

>
> Tian.
>
>
> Robert Moss <rmoss@cox.net> wrote in message
news:<TkN%a.7609\$uh6.2806@lakeread05>...
>> mads wrote:
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>>

>> Robert
