
Subject: SPAWN EXIT_STATUS not the same as shell. Ideas?
Posted by [Paul Van Delst\[1\]](#) on Fri, 04 Mar 2016 19:43:32 GMT
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Hello,

When I run a command in the shell I get the following result with a non-zero exit status:

```
-----%<-----  
$ lbrtm
```

Program received signal SIGSEGV: Segmentation fault - invalid memory reference.

Backtrace for this error:

```
#0 0x7F1874C5AB07  
#1 0x7F1874C5B11E  
#2 0x3000C3269F  
#3 0x45C2E5 in eminit_  
#4 0x473F4A in xmerge_  
#5 0x408F96 in xlayer_  
#6 0x429333 in MAIN__ at lbrtm.f90:0  
Segmentation fault (core dumped)
```

```
$ echo $?  
139  
-----%<-----
```

When I run the same command in my IDL script via spawn, I see the following:

```
-----%<-----  
IDL> SPAWN, 'lbrtm', stdout, stderr, EXIT_STATUS = exit_stat  
IDL> foreach s, stderr do print, s
```

Program received signal SIGSEGV: Segmentation fault - invalid memory reference.

Backtrace for this error:

```
#0 0x7F75D828DB07  
#1 0x7F75D828E11E  
#2 0x3000C3269F  
#3 0x45C2E5 in eminit_  
#4 0x473F4A in xmerge_  
#5 0x408F96 in xlayer_  
#6 0x429333 in MAIN__ at lbrtm.f90:0
```

```
IDL> print, exit_stat
```

0

-----%<-----

Umm...anyone know why my IDL EXIT_STATUS (0) is different from my shell exit status (139)?

Do I need an extra switch in the SPAWN command or...?

Thanks for any info.

cheers,

paulv

p.s.

IDL> print, !version

{ x86_64 linux unix linux 8.3 Nov 15 2013 64 64 }
