
Subject: SHELL+IDL bridge.

Posted by [Sapna Mishra](#) on Fri, 18 Mar 2016 11:52:46 GMT

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Hello all,

I have a bash script , in which I want to read a file using IDL

IDL COM: ftab_print,'FORS1_B_GRS_600V_94_GG375_30.fits',[1,5,6],texto ut='tt.txt'

then I want to run these bash commands inside my script:

```
disp=( $(awk '{print $1}' ./tt.txt) )
```

```
start=( $(awk '{print $2}' ./tt.txt) )
```

```
end=( $(awk '{print $3}' ./tt.txt) )
```

Also I want to call IDL functions in this script. Anyone can help me out?

when I am running my script: bash script.bash
i get error:

% Syntax error.

bash: -c: line 0: unexpected EOF while looking for matching `')

My all script:

```
#!/bin/bash
```

```
idl <<!here
```

```
.rnew CLASSIFICATION.pro
```

```
.rnew NEWFILE.pro
```

```
ftab_print,'FORS1_B_GRS_600V_94_GG375_30.fits',[1,5,6],texto ut='tt.txt'
```

```
spawn, 'disp=( $(awk '{print $1}' ./tt.txt) )'
```

```
spawn, 'start=( $(awk '{print $2}' ./tt.txt) )'
```

```
spawn, 'end=( $(awk '{print $3}' ./tt.txt) )'
```

```
spawn, 'esorex fors_science --dispersion=${disp[1]} --resp_fit_degree=2  
--startwavelength=${start[1]} --endwavelength=${end[1]} sci.sof'
```

```
exit
```

Subject: Re: SHELL+IDL bridge.

Posted by [Craig Markwardt](#) on Fri, 18 Mar 2016 16:34:40 GMT

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On Friday, March 18, 2016 at 7:52:49 AM UTC-4, Sapna Mishra wrote:

> Hello all,

>

> I have a bash script , in which I want to read a file using IDL

>

You have some serious issues, but they are mostly BASH related and mostly not related to IDL.

Issue 1: your !here document doesn't end

Issue 2: substitution is not working in the order you think it does. Instead of sending the script to IDL directly, send it to a file and see what comes out. You will be surprised what is missing.

Issue 3: your use of single quotes in the SPAWN statements are potential syntax errors. Within IDL you cannot embed single quotes within a single-quoted string like you did. This "string 'single'" is OK but 'string 'single' is not.

Craig
