Subject: Re: IDL and BASH scripts

Posted by Paul Van Delst[1] on Tue, 13 Oct 2009 14:36:53 GMT

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nata wrote:
> Hi guys,
>
> I wrote a script to help me with the most common actions I always do
> in IDL. I copy some folders, I update some files and finally I call
> IDL to do some actions.
> Normally I use something like this:
>
> idl <<!here
>   some_actions
> @my_program.pro
> resolve_all
> save, filename='my_program.sav', /routines
> exit
> !here
>
> It works good but I've a problem if I try to run this code inside a
> case statement. My idea is to execute this code as an optional
> argument for my script. When I try to do it I've an error:
> here-document at line 127 delimited by end-of-file (wanted `!here')
> unexpected end of file
>
> I don't understand the error and I don't know if there are more
> options to call IDL and do some actions from a BASH script. Can
> anybody help ? Thanks,

Are you indenting in the case statement? If so, the "!here" won't be recognised if there
is whitespace in front of it.

If that is the case (no pun intended), in your script if you do something like

```
 idl <<-NoMoreInput
 some_actions
 @my_program.pro
 resolve_all
 save, filename='my_program.sav', /routines
 exit
 NoMoreInput
```

i.e. put the "-" between the "<<" and end-of-file marker, you can tab in.

I also agree with pp on the use of "!here" as an eof marker - apart from any issue with
the ! character, it doesn't really explain what it does. But, that's just my personal
preference (I tend to be verbose in code :o).

Anyway, HTH.

cheers,

paulv