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Subject: IDL help?

Posted by [Sapna Mishra](#) on Fri, 01 Jan 2016 07:26:54 GMT

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Hello every one,

I am trying to make a shell script in which i want my script to call an IDL function which return a value in a variable , and i want to use the value of that variable into my rest of the script. Is there any way to that? Basically i want to connect my shell script and idl function together. Any help??

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Subject: Re: IDL help?

Posted by [Michael Galloy](#) on Fri, 01 Jan 2016 22:05:39 GMT

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On 1/1/16 12:26 AM, Sapna Mishra wrote:

> Hello every one, I am trying to make a shell script in which i want  
> my script to call an IDL function which return a value in a variable  
> , and i want to use the value of that variable into my rest of the  
> script. Is there any way to that? Basically i want to connect my  
> shell script and idl function together. Any help??  
>

You can use the EXIT routine to return an error code. Or you can pipe stdout to a variable -- though you are going to have to start IDL with -quiet, like:

```
$ var=$(idl -quiet -e "print, 5")  
$ echo $var  
5
```

Mike

--

Michael Galloy

[www.michaelgalloy.com](http://www.michaelgalloy.com)

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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Subject: Re: IDL help?

Posted by [Sapna Mishra](#) on Sat, 02 Jan 2016 04:48:17 GMT

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Ok if i have a function say fun.pro and i want its value to be store in var and send it to shell script how it would be look like????

Thanks for your previous help.....

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Subject: Re: IDL help?

Posted by [Sapna Mishra](#) on Sat, 02 Jan 2016 04:50:36 GMT

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Ok if i have a function say fun.pro and i want its value to be stored in var and send it to shell script how it would be look like????

Thanks for your previous help.....

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Subject: Re: IDL help?

Posted by [Michael Galloy](#) on Sat, 02 Jan 2016 15:48:46 GMT

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On 1/1/16 9:48 PM, Sapna Mishra wrote:

> Ok if i have a function say fun.pro and i want its value to be store  
> in var and send it to shell script how it would be look like????  
> Thanks for your previous help.....  
>

If fun.pro contains a function called FUN, you could do something like:

```
$ var=$(idl -quiet -e "result = fun() & print, result")
```

Or you could just have FUN print its output instead of returning a value. In any case, if you are doing this, make sure to remove other PRINT statements from your code.

Mike

--

Michael Galloy

[www.michaelgalloy.com](http://www.michaelgalloy.com)

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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Subject: Re: IDL help?

Posted by [Sapna Mishra](#) on Sat, 02 Jan 2016 16:26:10 GMT

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```
var=$(idl -quiet -e "result = fun(2,3) & print, result")
```

It worked thanku so much for your time.

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Subject: Re: IDL help?

Posted by [Sapna Mishra](#) on Sat, 02 Jan 2016 16:27:44 GMT

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```
var=$(idl -quiet -e "result = fun(2,3) & print, result")
```

It worked.... Thank you so much for your time.....

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