
Subject: how did I get here?

Posted by [don.woodraska](#) on Fri, 24 Apr 2015 23:03:44 GMT

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Is there a programmatic way that I can get the name of the parent function from within a child function without using the help command? In other words, how did I get here? There is a call stack that you can see when you throw an error, and I can get this without an error by calling help like this:

```
IDL> help, /traceback, output=usefullInformationThatIWantToHaveProgrammatically
```

This is something that IDL obviously knows about, since it is available through help, but they don't want us to use that. The IDL help says the following about the output keyword to the help procedure: "This keyword is not intended to be used in obtaining programmatic information about the IDL session". That begs the question of how am I supposed to get programmatic information about my IDL session?

The help on help could be a little more ... helpful.

Maybe this is an easy thing and one of you knows how to do this. I suspect this is not possible without recklessly using help,output= in a manner that it is not intended.

Cheers!

Subject: Re: how did I get here?

Posted by [wlandsman](#) on Fri, 24 Apr 2015 23:11:23 GMT

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Look at the SCOPE_TRACEBACK function.

On Friday, April 24, 2015 at 7:03:46 PM UTC-4, don.wo...@gmail.com wrote:

> Is there a programmatic way that I can get the name of the parent function from within a child function without using the help command? In other words, how did I get here? There is a call stack that you can see when you throw an error, and I can get this without an error by calling help like this:

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>

> Cheers!

Subject: Re: how did I get here?

Posted by [don.woodraska](#) on Fri, 24 Apr 2015 23:24:39 GMT

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That's perfect! Thank you for suggesting scope_traceback.

Subject: Re: how did I get here?

Posted by [David Fanning](#) on Sat, 25 Apr 2015 01:39:16 GMT

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don.woodraska@gmail.com writes:

> That's perfect! Thank you for suggesting scope_traceback.

You might find the cgWhoCalledMe function useful, too:

<http://www.idlcoyote.com/programs/cgwhocalledme.pro>

<http://idlcoyote.com/idldoc/cg/cgwhocalledme.html>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
