
Subject: Re: Getting running routine name
Posted by [hieninger](#) on Thu, 09 Jan 2003 16:17:10 GMT
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Hi Gianluca,

try
help, CALLS=calls

then calls is an array
containing some info ;-)

Harro

Subject: Re: Getting running routine name
Posted by [David Fanning](#) on Thu, 09 Jan 2003 16:23:58 GMT
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Harro Uwe Hieninger (hiening@zi.biologie.uni-muenchen.de) writes:

> try
> help, CALLS=calls
>
> then calls is an array
> containing some info ;-)

Uh, right. Sort of like this:

```
PRO EXAMPLE
Help, Calls=callStack
thisRoutine = (StrSplit(StrCompress(callStack[0])," ", /Extract))[0]
Print, 'I am ' + thisRoutine
END
```

```
IDL> example
I am EXAMPLE
```

Cheers,

David

--

David W. Fanning, Ph.D.
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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Getting running routine name
Posted by [hieninger](#) on Thu, 09 Jan 2003 16:51:49 GMT
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Hi David,

right you are !

I left the solution to the reader, so that he could consult the online help and understand what he is doing

;:))

BTW, the strCompress call is not really necessary for THIS purpose, is it?

Harro

Subject: Re: Getting running routine name
Posted by [David Fanning](#) on Thu, 09 Jan 2003 17:15:01 GMT
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Harro Uwe Hieninger (hiening@zi.biologie.uni-muenchen.de) writes:

> right you are !
>
> I left the solution to the reader, so that he could consult the online
> help and understand what he is doing
>
> ;:))

Oh, of course. I use that pedagogical trick myself from time to time. :-)

> BTW, the strCompress call is not really necessary for THIS purpose, is it?

Probably not. I stole this from some working code. I'm sure there is a reason for it somewhere. :-)

Cheers,

David

--

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Subject: Re: Getting running routine name
Posted by [Pavel A. Romashkin](#) on Thu, 09 Jan 2003 17:28:32 GMT
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Harro Uwe Hieninger wrote:

- >
- > I left the solution to the reader, so that he could consult the online
- > help and understand what he is doing

I suppose that's exactly the difference between David and a typical participant of this newsgroup ;-) - taking the extra 5 minutes to help out.
Cheers,
Pavel

Subject: Re: Getting running routine name
Posted by [David Fanning](#) on Thu, 09 Jan 2003 17:46:53 GMT
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Pavel A. Romashkin (pavel_romashkin@hotmail.com) writes:

- > I suppose that's exactly the difference between David and a typical
- > participant of this newsgroup ;-) - taking the extra 5 minutes to help out.

Well, remember, I'm gathering material to teach in IDL courses. Everyone else is just taking five illicit minutes away from work. :-)

Cheers,

David

--

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Subject: Re: Getting running routine name
Posted by [Stein Vidar Hagfors H\[2\]](#) on Thu, 09 Jan 2003 19:15:43 GMT
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David Fanning <david@dfanning.com> writes:

```
> Harro Uwe Hieninger (hiening@zi.biologie.uni-muenchen.de) writes:
>
>> try
>> help, CALLS=calls
>>
>> then calls is an array
>>   containing some info ;-)
>
> Uh, right. Sort of like this:
>
> PRO EXAMPLE
> Help, Calls=callStack
> thisRoutine = (StrSplit(StrCompress(callStack[0])," ", /Extract))[0]
> Print, 'I am ' + thisRoutine
> END
>
> IDL> example
> I am EXAMPLE
```

David, how are people ever going to learn to stand on their own feet when you keep handing them all the solutions on a silver platter :-) Speaking of canned stuff (on a silver platter?), look at

ftp://sohoftp.nascom.nasa.gov/solarsoft/gen/idl/system/get_c_alldetails.pro

--

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Subject: Re: Getting running routine name
Posted by [sheryn.gillin](#) on Thu, 09 Jan 2003 22:41:22 GMT
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```
> I need to know if it is possible with IDL to get, from inside a given
> function or procedure, a string with the name of the function or
> procedure itself.
```

Have you tried HELP, /FUNCTIONS or HELP, /PROCEDURES or more generically HELP, /ROUTINES?

I don't know of any other way, and if you have multiple routines running you mightn't be able to distinguish, but hope it helps.

Cheers
