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Subject: Re: Function to return the current procedure/function

Posted by [maurya](#) on Sat, 05 Sep 2009 16:16:10 GMT

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On 5 Sep, 19:04, Heinz Stege <public.215....@arcor.de> wrote:

> On Sat, 5 Sep 2009 07:05:31 -0600, David Fanning wrote:

>> maurya writes:

>

>>> Is there any function to return the current procedure/function name

>>> only not all?

>

>>> There is one function "ROUTINE\_INFO" which provide information about

>>> all currently-compiled procedures and functions. But, I want to get

>>> the name of the procedure/function using a function (say Routine\_Name)

>>> by calling in the same routine. e.g.

>

>>> Pro test\_plot

>

>>> plot,findgen(200)

>>> ;

>

>>> print, Routine\_Name()

>

>>> end

>

>>> The print function should return 'test\_plot'.

>

>> ProgramRootDir does this:

>

>> <http://www.dfanning.com/programs/programrootdir.pro>

>

>> Cheers,

>

>> David

>

> An alternative approach is the SCOPE\_TRACEBACK function, which is part

> of IDL:

>

> IDL> info=scope\_traceback(/structure)

> IDL> n=n\_elements(info)

> IDL> help,info[n-1],/structure

> \*\* Structure IDL\_TRACEBACK, 8 tags, length=36, data length=36:

> ROUTINE STRING 'DISPLAY'

> FILENAME STRING 'C:\my\_routines\display.pro'

> LINE LONG 99

> LEVEL LONG 1

> IS\_FUNCTION BYTE 0

> METHOD BYTE 0

