
Subject: Re: Getting code line numbers?
Posted by [knipp](#) on Mon, 13 Feb 1995 11:47:30 GMT
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In article 95Feb10130718@lynx, [frank@lynx](#) (Frank J.Oynes) writes:

>
> Hi all,
>
> Is there a system variable or similar that keeps track
> of the name of the currently executing function/procedure
> and the current line number within?
>
...
>
>
> Clues, anyone?
>
> Regards,

>
> [frank@spacetec.no](#)

Try: HELP, CALLS=CALLS
FOR i=0L, N_ELEMENTS(CALLS)-1I DO PRINT, CALLS(i)

K. Knipp

Subject: Re: Getting code line numbers?
Posted by [sjt](#) on Fri, 17 Feb 1995 09:42:34 GMT
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Frank J.Oynes ([frank@lynx](#)) wrote:

: Hi all,

: Is there a system variable or similar that keeps track
: of the name of the currently executing function/procedure
: and the current line number within?

: It is reported when an error occurs, so it must be available
: somehow.

: I need it for reporting events/errors/status to a log file
: something like

: `log_message(module_name, line_number, 'Warning: The tea is getting cold')`

: Clues, anyone?

: Regards,

: frank@spacetec.no

HELP, /TRACE ; Sends a traceback to the terminal.

HELP, CALL=VAR ; Puts a reduced tracback in the variable VAR.

So for what you suggest your best bet might be something like:

```
help, call=calls  
log_message(calls(n_elements(calls)-1), Warning: The tea is getting cold')
```

```
--  
--  
+-----+-----+-----+  
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| sjt@star.sr.bham.ac.uk | University of Birmingham    | -- V' |  
| Ph: 021-414-6462. Fax: 021-414-3722   | |  
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```
