
Subject: Re: No enough valid points...

Posted by [pgrigis](#) on Tue, 26 Feb 2008 16:29:22 GMT

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Lasse Clausen wrote:

> On 26 Feb, 16:28, David Fanning <n...@dfanning.com> wrote:

>> Lasse Clausen writes:

>>> I get from time to time the following error message:

>>

>>> IDL: PLOT: Not enough valid and unique points specified.

>>> IDL: Execution halted at: PLOT_ACE_MFI 76 /home/lbnc1/idl_lib/

>>> graphics/plot_ace_mfi.pro

>>> IDL: \$MAIN\$

>>> IDL: Program caused arithmetic error: Floating illegal operand

>>

>>> Is there a simple way (maybe a compile_opt?) so that this is not an
>>> error and that execution of the program does not stop? Just warn me,
>>> plot an empty coordinate system and continue.

>>

>> Could be time to learn about that CATCH error handling
>> built into IDL. ;-)

>>

>> Cheers,

>>

>> David

>>

>> --

>> David Fanning, Ph.D.

>> Fanning Software Consulting, Inc.

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

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

>

> Didn't think of error handling since I still don't think it's an
> error. Good old "I don't see, therefore it's not there"-approach...

>

> Moempf, and even if I use CATCH I still need to include a certain
> block of code in every plot routine I have - and all that to catch an
> error that isn't one. So what if I want to plot only NaNs?

You can split the plot command in two:

plot,[0,0],/nodata, [other graphic keywords]

oplot,x,y

this works even if x and y are array of NaNs!

Ciao,

Paolo

> How's that

> different from wanting to divide by zero or by NaNs? Which, I might

> add here, will not produce an error.
>
> Not happy
> Lasse Clausen
