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Subject: Re: No enough valid points...

Posted by [David Fanning](#) on Tue, 26 Feb 2008 15:28:08 GMT

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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.")

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Subject: Re: No enough valid points...

Posted by [lasse](#) on Tue, 26 Feb 2008 15:37:09 GMT

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

> Lasse Clausen writes:  
>> I get from time to time the following error message:  
>  
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>  
> 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? 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

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Subject: Re: No enough valid points...  
Posted by [David Fanning](#) on Tue, 26 Feb 2008 15:46:51 GMT  
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Lasse Clausen writes:

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> 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.

Yeah, always a hurdle to get over. Having children helps. :-)

Cheers,

David

--

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

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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
>>
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>> David
>>
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> Didn't think of error handling since I still don't think it's an
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>
> 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

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