Subject: Re: No enough valid points... Posted by pariais on Tue, 26 Feb 2008 16:29:22 GMT View Forum Message <> Reply to Message 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