Subject: Re: Annoying but (seemingly) harmless warning Posted by Brian Larsen on Tue, 06 May 2008 16:01:31 GMT

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> % Program caused arithmetic error: Floating underflow

I get this same message on startup also with seemingly no effect.

I am on IDL 6.4.1 on OSX 10.5.2.

Here is my startup info

[balarsen@larsenlaptop]~> idl IDL Version 6.4.1, Mac OS X (darwin i386 m32). (c) 2007, ITT Visual Information Solutions Installation number:

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- % Program caused arithmetic error: Floating underflow
- % Compiled module: JOURNAL\_UNIQUE.
- % Compiled module: BIN\_DATE.

The journal\_unique and Bin\_date are in my .idl\_startup and make a journal at startup with the date and time, that then records every IDL session I do. Mostly just get deleted but sometimes handy.

Cheers,
Brian
Brian Larsen
Boston University
Center for Space Physics
nttp://people.bu.edu/balarsen/Home/IDL

Subject: Re: Annoying but (seemingly) harmless warning Posted by Michael Galloy on Wed, 07 May 2008 15:34:50 GMT View Forum Message <> Reply to Message

On May 6, 4:38 pm, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:

- > In article <C445F023.199%j...@cornell.edu>,
- > Jonathan Joseph <j...@cornell.edu> wrote:

>

- >> I just got a new mac (macbook pro running leopard 10.5.2) and installed IDL
- >> 7.0. Up til now, I've worked on sun solaris and windows pc, and have not

- >> upgraded to 7.0 yet on those machines. >> Anyway, when I start IDL and open a graphics window (IDL> window) or run any >> application that creates a graphics window, I get the following error >> message: >> % Program caused arithmetic error: Floating underflow >> But after that everything seems to work properly. This message only appears >> once, the first time a window is created and never again during the IDL >> session - so it's not really too obtrusive. Though so far I've only done >> some cursory tests on this installation to make sure things work. > >> I Just wanted to mention it in case something really isn't working that's >> going to come back and bite me later. > >> Anyone else seen this problem? >> Thanks. >> -Jonathan > I think this may be due to X-Windows bugs. (Apple made major changes
- Also, I've been trying to keep up-to-date with XQuartz:

http://xquartz.macosforge.org/trac/wiki

> back. Not sure what the outcome was.

This helps a lot from the original Leopard release, but is becoming less important as many of the X11 changes have been rolled into 10.5.2.

> to the X distribution with 10.5). I reported this to ITTVIS some time

Mike

www.michaelgalloy.com Tech-X Corporation Software Developer II

Subject: Re: Annoying but (seemingly) harmless warning Posted by JJ on Thu, 08 May 2008 15:46:58 GMT

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Thanks everyone.

-Jonathan

- > Hi Jonathan,
- > I have the same system and also get this error only under the
- > conditions you describe. I have not experienced any obvious problems
- > so it appears to be benign.