
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:
Licensed for use by: Boston University
```

```
% 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
<http://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
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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
> to the X distribution with 10.5). I reported this to ITTVIS some time
> back. Not sure what the outcome was.

Also, I've been trying to keep up-to-date with XQuartz:

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

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.

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.
