
Subject: Re: % Program caused arithmetic error: Floating illegal operand
Posted by [Kenneth P. Bowman](#) on Fri, 08 Aug 2008 20:24:58 GMT

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In article

<c819955d-5530-4046-a7af-57541b485af1@m73g2000hsh.googlegroups.com>, neon <neon37@gmail.com> wrote:

> Hi,
> I am having trouble figuring out where this warning message originates
> in my code. I know this message comes when you have NaNs in the data
> that you are manipulating. But the thing is the code i'm dealing with
> is pretty huge and I'm having trouble isolating the cause. Does anyone
> know of a way to figure out the line number where this warning message
> is originating from? It would save me quite a bit of time.
> Thanks
> --
> Nirbhik

See the !EXCEPT system variable. (Set !EXCEPT = 2)

Ken Bowman

Subject: Re: % Program caused arithmetic error: Floating illegal operand
Posted by [ben.bighair](#) on Fri, 08 Aug 2008 21:28:26 GMT

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On Aug 8, 4:07 pm, neon <neo...@gmail.com> wrote:

> Hi,
> I am having trouble figuring out where this warning message originates
> in my code. I know this message comes when you have NaNs in the data
> that you are manipulating. But the thing is the code i'm dealing with
> is pretty huge and I'm having trouble isolating the cause. Does anyone
> know of a way to figure out the line number where this warning message
> is originating from? It would save me quite a bit of time.
> Thanks
> --
> Nirbhik

Hi,

Try changing the value of the system variable !EXCEPT as described
here: <http://tinyurl.com/6oaha3>

Cheers,
Ben

Subject: Re: % Program caused arithmetic error: Floating illegal operand

Posted by [Vince Hradil](#) on Fri, 08 Aug 2008 21:45:02 GMT

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On Aug 8, 4:28 pm, "ben.bighair" <ben.bigh...@gmail.com> wrote:

> On Aug 8, 4:07 pm, neon <neo...@gmail.com> wrote:

>

>> Hi,

>> I am having trouble figuring out where this warning message originates
>> in my code. I know this message comes when you have NaNs in the data
>> that you are manipulating. But the thing is the code i'm dealing with
>> is pretty huge and I'm having trouble isolating the cause. Does anyone
>> know of a way to figure out the line number where this warning message
>> is originating from? It would save me quite a bit of time.

>> Thanks

>> --

>> Nirbhik

>

> Hi,

>

> Try changing the value of the system variable !EXCEPT as described
> here:<http://tinyurl.com/6oaha3>

>

> Cheers,

> Ben

This is also in: Window->Preferences...->IDL->Interpreter->Report
floating-point math exceptions->Immediately (2)

But !EXCEPT=2 is a lot shorter 8^)
