
Subject: Re: accuracy problems
Posted by [davidf](#) on Thu, 27 Apr 2000 07:00:00 GMT
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> I've a very strange problem: I'm running IDL 5.2.1 on a Pentium III 500 with
> Windows NT. When I read data from a file into a variable, IDL always makes a
> truncation. Even when I type it at the IDL prompt.
> For example:
>
> IDL> a=2.83456
> IDL> print, a
>
> IDL prints : 2.00000
>
> Its equal if I define the variable as float or double, the result is always
> the same.
>
> Does anyone have a idea how this can happen,

You have the Student Edition of IDL. All numbers are automatically truncated to the 10 counting digits you have available on your hands. A compiler option will extend this to the toe digits as well.

Cheers,

David

P.S. Let's just say there is something seriously wrong with IDL, or you are not telling us **something** about how you created those numbers. You aren't trying to get the variable a by reading it from the keyboard into a integer variable you? :-)

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
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Subject: Re: accuracy problems
Posted by [davidf](#) on Fri, 28 Apr 2000 07:00:00 GMT
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> The solution of my problem was just the different country specific setting
> in IDL and Windows NT.
> In Windows NT I had the German setting with comma as decimal point. This
> seem to cause the trouble in IDL. I changed the NT settings and now IDL
> works just normal.

Whew! My faith in IDL is restored. :-)
Thanks for letting us know what the problem was.

Cheers,

David

P.S. Let's just say I'm feeling better today, and I've
written a note to myself that I placed on my computer
screen. It says, "It's too nice a day to be GRUMPY."
I'm going to try to read it before I make any more
newsgroup postings. :-)

--

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David Fanning schrieb in Nachricht ...

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