Subject: Re: Recognizing double precision?
Posted by edward.s.meinel@aero. on Wed, 10 Oct 2007 14:07:45 GMT
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On Oct 9, 11:50 am, "R.G. Stockwell" <noem...@please.com> wrote:
> "wlandsman" <wlands...@gmail.com> wrote in message
>
> news:1191597160.614557.153160@50g2000hsm.googlegroups.com...
>
>> About once a year I receive a complaint about my code because someone
>> inputs a Julian date like this
>
>> IDL> jd = 2441636.1
>
> btw, this may be obvious to all, but you can force the input
> with a read command, read it as string, and cast it to double.
>
> IDL> .GO
>
> : 2441636.1
>
> S STRING = ' 2441636.1'
>
> 2441636.1
>
> single:
>
> 2441636.00000
>
> double
>
> 2441636.10000
>
> Cheers,
> bob

Sure, you _could_ do that, but that is even worse than

IDL>jd = 2441636.1d

The point is that IDL should be smart enough to cast the variable into
the correct type automatically. After all, it works for integers:

y = 1
INT

y = 123456
LONG

y = 12345678901234
LONG64

Ed