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Subject: Re: Recognizing double precision?

Posted by [R.G.Stockwell](#) on Fri, 05 Oct 2007 17:26:27 GMT

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"wlandsman" <wlandsman@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  
>  
> and then gets mysterious results because the value of jd is  
> "truncated"  
>  
> IDL> print, jd, f='(f10.2)'  
> 2441636.00

Well, to play devil's advocate, the programmer should not let the user input single precision data in such a case.

If type eq Singleprecision then message, 'ERROR'

Cheers,  
bob

PS  
(Because the above statement does exactly what the user "intended", inputs a single precision variable.)

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