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Subject: Re: two issues with julian dates

Posted by [David Fanning](#) on Tue, 17 Jul 2007 14:13:01 GMT

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Josh writes:

> Having given up Julian dates, in lieu of a simpler route, I am now  
> simply taking the date/time and storing it as a double with respect to  
> the year (e.g. 3/21/2004 @ 12:17:44.767 = 2004.2903452730). All the  
> variables used to create the value were born doubles, and stayed  
> doubles all along.  
>  
> Alas, the same problem persists. I can see the following:  
> IDL> print, ROltimeArr[85], format='(F20.10)'  
> 2004.2903452730  
>  
> But on the plot, I get 2004.2903 which is the above, sans the 'format'  
> at the end. So, everything within +/-0.0001 (which happens to be about  
> 20% of the data set) gets put on that x value.  
>  
> I also tried subtracting 2004 from all the data, thinking that might  
> help, but I simply get the same x values without the 2004 (e.g.  
> 0.2903).

Josh reports "problem solved." Here is the take-home message of the day: Be sure to check ALL your assumptions! :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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