
Subject: Re: Julian Date Question

Posted by [Harald Frey](#) on Wed, 14 Jul 1999 07:00:00 GMT

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Andilu wrote:

```
> My lucky moon rock tells me it is 12:50 p.m. in Jolly 'ol England,  
> yet when I check today's GMT Julian date, I get the following:  
>  
>   print, systime(/julian)  
>       2451373.7  
>  
> The "error" in the decimal point seems to amount to about 5 hours.  
> If memory serves me, this "error" is explainable by RSI, but the  
> explanation escapes me.  
>  
> Can anyone help?  
>
```

I checked it and for me it seems to work. However, my systime is set to Pacific Daylight Savings Time and for it I get the true answer.

```
IDL> print,systime(),systime(/julian),format='(a30,f20.10)'  
Wed Jul 14 13:41:39 1999 2451374.0705902777
```

Is your systime really set to Greenwich Time?

Harald
hfrey@ssl.berkeley.edu

Subject: Re: Julian Date Question

Posted by [Michael Wergler](#) on Thu, 15 Jul 1999 07:00:00 GMT

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Andilu wrote:

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> explanation escapes me.
```

You probably now that there is an offset of 12 hours to make

the calculation with the julian date more convenient? But how
do you get the systime(/julian)? On Solaris IDL 5.1 it does not
work...: "keyword not allowed."

--

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