
Subject: Re: julday() and fractional days

Posted by [Craig Markwardt](#) on Thu, 01 Nov 2007 14:39:02 GMT

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Bob Crawford <Snowman42@gmail.com> writes:

> Perhaps I'm missing something but why would one expect a JULDAY
> function that is passing hour, minute and second data to also accept
> fractional days?

>

> I can understand that if you did: print,julday(12,31.2,2005) one might
> expect the fractional days to be handled, but not when the smaller
> time units are explicitly present.

>

> What would the correct output of, say,
> print,julday(12,31.2,2005,6,0,0) be?

I don't know, but because of IDL JULDAY()'s insane behavior, I can
tell you that it would be different than,

```
print,julday(12,31.2,2005) + 0.25
```

Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
