
Subject: Re: Time Woes

Posted by [btupper](#) on Thu, 02 May 2002 13:11:14 GMT

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On Wed, 1 May 2002 13:41:10 -0600, David Fanning <david@dfanning.com> wrote:

> I have a time array that purports to be the number of seconds
> from 1 Jan 1980. How in the world do I convert that to something
> I can use with routines I have access to?
>

Howdy,

Do you mean that you want to know a Julian time stamp or Calendar date for the time array values? I don't have IDL in front of me right now so I can't check this, and I can't clearly recall the syntax.

(The following supposes the 'seconds' are just the run-of-the-mill kind of seconds...)

```
; start time in seconds
t0 = JulDay( 0,1 1980, 0, 0, 0)
; add the elapsed time since t0
t[i] = t0 + timeArray[i]
;convert to calendar values
CalDat, t[i], month, day, year, hour, min, sec
```

I have a sneaky feeling that your problem is more complicated than this solution will bridge. The only thing I do well with time (in IDL) is squander it, but I hope it helps anyway.

Ben
