
Subject: Re: Computing Time

Posted by [Craig Markwardt](#) on Mon, 20 Mar 2000 08:00:00 GMT

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Martin Schultz <martin.schultz@dkrz.de> writes:

>
> JULDAY will give you fractional days as an answer. To convert this back
> into
> days, hours, minutes, etc., you can do:
> days = fix(diff) ; or long() if you desire
> hour = fix((diff-days)*24.)
> minute = fix((diff-days-hour/24.)*1440.)
> second = fix((diff-days-hour/24.-minute/1440.)*86400.)
> just that you may run into roundoff problems here or there. And this is
> why you should probably follow Liam's advice and use the JHU APL
> routines.

Would it be wiser to use FLOOR() instead of FIX(), to handle negative time differences? This always gets a little sticky.

Craig

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