
Subject: Re: TIME2JD

Posted by [Michael Galloy](#) on Mon, 08 Feb 2016 17:41:56 GMT

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On 2/8/16 4:46 AM, greg.addr@gmail.com wrote:

>
> If you don't care about the day (e.g. if all your times come from the
> same day), then pick an arbitrary month, day, year, and use this:
>
> Result = JULDAY(Month, Day, Year, Hour, Minute, Second)
>

Just to be clear about this, you could calculate a Julian day given an arbitrary date, but then only the fractional part of that Julian day would be useful (and you would probably want to subtract 0.5 as well).

I'm not sure why any of that would be useful though. The Julian day is a number of days from a specific time in the past. Are you just trying to calculate the fractional day for a given time?

In any case, for a basic explanation, check the IDL documentation for JULDAY and Wikipedia:

https://en.wikipedia.org/wiki/Julian_day

Mike

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
