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Subject: Re: Tick labels and dates

Posted by [Haje Korth](#) on Tue, 23 Nov 2004 21:41:30 GMT

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Mike,

you want to look at the examples given for the LABEL\_DATE function. It assumes that you have time array as Julian day. If you don't (and who does) you will have to do your own conversion. I keep my time usually as CDF epoch, so I wrote myself a little function that converts CDF epoch first to year, month, day, hh, mm, ss with cdf\_epoch and then use julday to calculate the julian day from these data. Now conversion is pretty much transparent without having to worry what Julian day means. LABEL\_DATE is pretty flexible in the date format and you can easily switch between the formats you like. AFAIK, there is no other build-in functionality for time axis.

Haje

"Michael Wallace" <mwallace.no.spam@no.spam.swri.edu.invalid> wrote in message news:10q7aj04g0ail9c@corp.supernews.com...

> I have never been good with figuring how how all the date formatting  
> stuff works. I want to label the X axis on a few of my plots with some  
> readable date strings. In certain cases, I'd like to display something  
> of the form "HH:MM:SS". Other times I'd like to see a day of month or a  
> day of year or some other variation.  
>  
> Anyway, assuming that I have a timestamp in the form of seconds since  
> the 1970 epoch, is there some built in way to convert to the time string  
> my choosing? Or will I have to role my own conversions? Secondly, how  
> do I go about cleanly setting the labels on my IDLgrAxis to the strings?  
>  
> TIA,  
> Mike

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