
Subject: Re: Tick labels and dates

Posted by [Mark Hadfield](#) on Wed, 24 Nov 2004 21:34:21 GMT

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Haje Korth wrote:

- > 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.

I'm not a fan of LABEL_DATE, mainly because it uses a common block, so there is endless scope for confusing interactions between apparently unrelated graphs. I think that it is much simpler and safer to use the C() calendar-format codes directly in your axis's TICKFORMAT string. You will need to convert your time data to Julian Days, but how hard is that?

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Mark Hadfield "Ka puwaha te tai nei, Hoea tatou"

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