
Subject: Re: Plotting date/times

Posted by [rivers](#) on Sun, 09 Jul 1995 07:00:00 GMT

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In article <3temc6\$rlb@hecate.umd.edu>, bleau@UMDSP.UMD.EDU (Lawrence Bleau) writes:

> Hello, a quick (hopefully simple) question. I am plotting times along my X
> axis. Internally I've converted the m/d/y h:m:s times into floating point
> numbers, thinking this would be the easier way to plot it. I then have a
> procedure which I specify to the XTICKFORMAT keyword to convert a float to the
> proper character string.
>
> The problem is that IDL keeps scaling the ticks on the X axis to nice, round
> multiples of the floating values, which hardly *ever* map to nice, round
> numbers (like 24 hours, or 1 hour) on my time axis labels. I partially solved
> this by specifying my own min and max using XRANGE and XTICKS, but this leaves
> me without any minor tick marks. Also, I'd like to leave some room on the
> right side of the graph after the plot has finished to annotate the graph
> lines (there are several).
>

I think that by using XSTYLE=1 you can force IDL to use your XRANGE and still
get minortick marks.

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