
Subject: Re: axis ticks

Posted by [benell](#) on Thu, 10 Sep 1992 13:10:45 GMT

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In article <1992Sep9.210955.6402@organpipe.uug.arizona.edu> rclark@lpl.arizona.edu (Richard Clark x4971) writes:

>

> Does anybody have any routines that can be called to replace the default
> axis tick labeling on simple PLOTS? The default selection of the number of
> major/minor ticks and their labeling leaves quite a bit to be desired. On
> rare occasion I have gotten a plot with an axis (either x or y) with a
> SINGLE LABELED TICK and axes with only 2 labeled ticks are fairly
> frequent. It is also common to get no minor ticks at all.

>

> There is a similar problem with the assignment of levels to be CONTOURED.
> The levels selected for contouring seem to be the same with or without the
> use of /follow.

>

> The detailed control over the plot appearance which can make for a nice
> final product is possible but this gets to be quite a nuisance when you
> need to do it on your first look at new data.

>

To control ticks on a plot use the following keywords with your plot
calls:

```
[XYZ]TICKS = #      - # is the number of major ticks
[XYZ]TICKNAME = strarr - The string array contains tick names
[XYZ]TICKLEN = # - # number is the length , 0<#<1
[XYZ]MINOR = # - # is the number of minor ticks
```

A separate keyword is used for each axis. ie for 4 major ticks on
the x axis use XTICKS = 4. The help section on plot_keywords has
a more detailed description if one is needed. - Kirk
