
Subject: Re: Plotting weridness with ytickname
Posted by [Kevin Ivory](#) on Fri, 28 Feb 1997 08:00:00 GMT
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David Kennedy wrote:

```
> Hi, I have this (simple) code to produce a stacked plot of
> some spectra:
> ; Set up the parameters for the plot command
> xrange = [-130, 130] ; Set by hand
> yrange = [-43, 20] ; Set by hand
> tick_values = [-40, -30, -20, -10, 0, 10, 20]
> tick_labels = [0, 10, 0, 10, 0, 10, 20]
>
> ; Plot empty frame with fiddled yaxis labelling etc
> plot, xrange, yrange, xstyle=1, ystyle=1, $
> ytickv=tick_values, ytickname=tick_labels, $
> /nodata
>
> Question - why is that when I run this code for the first time it produces
> a yaxis which is still labelled from -42 to 20? Running the same
> thing again will produce the correct labelling [0,10,0,10,0,10,20]
> though. WHY?
```

You might be using the buggy 4.0 IDL version: I opened a new IDL session, pasted your code into it and got exactly what you expected. I use IDL Version 4.0.1 (OSF alpha).

From the 4.0 -> 4.0.1 bug-fix list:
PLOT: XTICKNAME keyword does not work correctly in some instances.

Hope this helps
Kevin

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Subject: Re: Plotting weridness with ytickname
Posted by [D.Kennedy](#) on Fri, 28 Feb 1997 08:00:00 GMT
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Thanks to those of you who replied by email.
Sticking " around each ytickname element fixed
the problem. Why it happened at all is another
puzzle though!

--

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Hi! I'm a .signature virus! Copy me into yours and join the fun!
