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Subject: Re: Plotting weirdness with ytickname  
Posted by [D.Kennedy](#) on Fri, 07 Mar 1997 08:00:00 GMT  
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In article <331699C8.ABD@osf1.mpae.gwdg.de>,  
Kevin Ivory <kivory2@osf1.mpae.gwdg.de> writes:  
> 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.

Yep, this is indeed my problem, luckily its simple to fix, simply  
slap " around each argument to xtickname. Thanks.

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

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