
Subject: Re: colorbar and [XY]tickname

Posted by [David Fanning](#) on Wed, 12 May 2004 12:39:10 GMT

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Einar M. Einarsson writes (again):

> I was wondering if someone (David?) knows why I can't use the
> [xy]tickname keyword to David's Fanning's colorbar program?

>

> Here is my code:

>

> print, names

> help, names

>

> colorbar, /vertical, \$

> Position = col_pos, \$

> Range=[0,r_levels(n_elements(r_levels)-1)], \$

> NColors=n_elements(r_levels)-1, \$

> Bottom=101, \$

> Color=!P.color, \$

> Divisions=n_elements(r_levels)-1,\$

> /right, \$

> TITLE='mm/3k1st',\$

> font=1, \$

> ycharsize=1.3, \$

> ytickname=names,\$

> format='(A2)'

>

> Here is the print/help output:

> 0 1 2 3 4 5 10

> 15 20

> NAMES STRING = Array[9]

>

> And the result can be found on: <http://www.os.is/~or/test/png/A13.png>

> I believed that the _extra keyword would take care of this! Or like you

> guys see I want the scale to be irregular, do you maybe know some

> better method to do this? or do I just have to modify the colorbar

> program myself?

Well, this is a fairly subtle problem, it seems to me after I've puzzled over it for an hour. I think it boils down to the fact that you don't want to simultaneously use strings for your plot annotations AND use the FORMAT keyword. I guess this makes sense. If you are asking IDL to use strings you have provided, then the format will be determined by the strings.

Bottom line, I think this call above will work if you set

the FORMAT keyword equal to a null string (ie, FORMAT="").
This will have to be done for COLORBAR *whenever* you provide
the [XY]TICKNAME keyword.

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
