Subject: Re: Why does IDL get this wrong?
Posted by David Fanning on Fri, 02 Jan 2004 18:29:09 GMT
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## Bruce Bowler writes:

- > x = [0,0,0,0,44.8,75.7,64.1,70.4,73.9,74.2,68.1,48.9,44.0,35.7,27.6,12.3,7.3,0]
- > y=[-85,-75,-65,-55,-45,-35,-25,-15,-5,5,15,25,35,45,55,65,75,85]
- > title='title'
- > label='line1!Cline2'
- > plot, x, y, yrange = [-90, 90], /ystyle, /xstyle, ytickformat = "(a1)",
- > title = title, xtitle = label, xrange = [0, 100], ticklen = -0.03

>

- > If ticklen is +0.03, all is fine, but setting it negative (to get the
- > ticks outside the box) and the second line of the xtitle is lost.

Just give yourself some more room for the plot. Add a POSITION keyword:

- > plot, x, y, yrange = [-90, 90], /ystyle, /xstyle, ytickformat = "(a1)", \$
- > title = title, xtitle = label, xrange = [0, 100], ticklen = -0.03, \$ POSITION=[0.1, 0.15, 0.9, 0.9]
- > related question (in that involves plots), is there a way to draw the box
- > around the plot (the boss likes that) but \*not\* draw the tickmarks on the
- > non-primary lines of the box?

Plot, findgen(11), XStyle=8, YStyle=8; or 9 if you want exact ranges Plots, [!X.CRange[1], !X.Crange[1]], [!Y.CRange[0], !Y.CRange[1]] Plots, [!X.CRange[0], !X.Crange[1]], [!Y.CRange[1], !Y.CRange[1]]

Cheers,

David

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

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