Subject: Re: double tick marks

Posted by Chris Lee on Thu, 06 Jan 2005 12:08:22 GMT

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In article <8366b20f.0501060336.4be4ae1e@posting.google.com>, "Lasse Clausen" <lbnc@lbnc.de> wrote:

- > Hello again.
- > I have the following code to produce yet another boring plot
- > A=FINDGEN(100)
- > PLOT, A
- > AXIS,/YAXIS,YRANGE=[0,350],/YSTYLE
- > END
- > Now the secondary y-axis produced by the AXIS-call has not only minor
- > and major tick marks according to the range of [0,350] but also all the
- > tick marks from the primary y-axis. Which is quite annoying since there
- > are now tick marks all over the place. Is there a way to get rid of the
- > tick marks of the primary axis? Thank you again
- > Lasse Clausen

Hi,

YSTYLE is your friend here. YSTYLE=8 (or 9) will remove the right Y axis from the plot. other numbers do other things (9 forces the left Y axis into the data range, 8 doesn't).

Have a look at the [X|Y|Z]STYLE in the help file for what the other numbers do, but it's something like

1: force axis range

2: extend axis range

4: suppress both axis

8: suppress box (i.e right axis)

16: same is /ynozero

Add them together to get combinations (i.e. option 9= option 8 + option 1)

Chris.

Subject: Re: double tick marks

Posted by K. Bowman on Thu, 06 Jan 2005 15:40:45 GMT

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In article <8366b20f.0501060336.4be4ae1e@posting.google.com>, lbnc@lbnc.de (Lasse Clausen) wrote:

```
> Hello again.
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>
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> A=FINDGEN(100)

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- > END

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- > and major tick marks according to the range of [0,350] but also all
- > the tick marks from the primary y-axis. Which is quite annoying since
- > there are now tick marks all over the place. Is there a way to get rid
- > of the tick marks of the primary axis?

The trick is to suppress both y axes on the initial call and then draw each axis separately.

A=FINDGEN(100) PLOT, A, YSTYLE = 4 AXIS, YAXIS=0, YRANGE=[0,100], YSTYLE=1 AXIS, YAXIS=1, YRANGE=[0,350], YSTYLE=1

Regards, Ken Bowman