
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.
>
> I have the following code to produce yet another boring plot
>
> A=FINDGEN(100)
> PLOT, A
> AXIS,/YAXIS,YRANGE=[0,350],/YSTYLE
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> 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?

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
