Subject: Re: Constructing a grid larger than 60 by 60 boxes
Posted by pgrigis on Thu, 17 Apr 2008 16:15:41 GMT
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clivecoo...@gmail.com wrote:
> Hi,
>
> I am trying to construct a large grid (210 *130) but am limited by the
> number of ticks i can use (60). Is there any way to do this? I am
> using polyfill to draw approximately 26,000 boxes and want to use the
> PLOT command, specifying the number of ticks and making the length
> cover the whole plot to draw an outline around each box.

You just have do do two loops of "oplot", one for all your horizontal
grid lines and the other for all the vertical grid lines.

Ciao,
Paolo

>
> thanks,
>
> Clive

Subject: Re: Constructing a grid larger than 60 by 60 boxes
Posted by Jean H. on Thu, 17 Apr 2008 16:31:19 GMT
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> You just have do do two loops of "oplot", one for all your horizontal
> grid lines and the other for all the vertical grid lines.
>
> Ciao,
> Paolo

:-) you answered faster... I knew I shouldn't do 10 things at the same
time!

for i=0, 210 do oplot,[!X.Crange[0], !X.Crange[1]], [!Y.Crange[0] +
i*((!Y.Crange[1]-!Y.Crange[0])/210),!Y.Crange[0] +
i*((!Y.Crange[1]-!Y.Crange[0])/210)]

In the second loop, change !X for !Y, !Y for !X and 210 for 130...

Jean

Subject: Re: Constructing a grid larger than 60 by 60 boxes
Posted by Brian Larsen on Thu, 17 Apr 2008 18:27:55 GMT
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You two have the right solution. At the risk of self publicizing, I like to use my wrapper programs oplot_horiz.pro and oplot_vertical.pro and just pass in the vectors of any length of where you want the lines.

http://people.bu.edu/balarsen/IDLdoc/oplot_horiz.html
http://people.bu.edu/balarsen/IDLdoc/oplot_vertical.html

Cheers,

Brian

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