
Subject: Re: Moving Axes

Posted by [Brian Larsen](#) on Wed, 30 Jan 2008 15:13:38 GMT

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> I'm plotting data which has both +ve and -ve x and y values and
> possesses a linear relationship which crosses the xaxis at a value>0. At the moment my x-axis
is 'sitting' at y= -5,

This is normal IDL behavior, IDL draws a box around the plot with the
ranges on it so you probably have an xaxis 'sitting' at -5 and another
at +6 (or something).

A more specific example could help us understand more fully but in my
example:

plot, findgen(10)-5

i have a xaxis at y=-6 and y=+4.

I often draw a horizontal line on a plot at y=0 to help guide the eye,
done without thinking using:

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

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

As for making the plot with the x-axis in the middle of the plot at
y=0, I am sure this is possible but I cant recall any easy way. Have
you looked though <http://dfanning.com/> ? An amazing number of
questions are answered there,

Cheers,

Brian

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