Subject: show a lifted y-axis
Posted by Zhang Bo on Thu, 29 Mar 2012 17:52:12 GMT
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Dear IDLers,

I want to lift the start point of y-axis so that this yaxis is showing
in the upper space and others are showing in the lower space. I know
this can be down by set a lower yrange and squeeze the data to the
upper space, but data such as relative humidity, doesn't have negative
values and it won't be appropriate to show that on the y-axis. I
expect set the !y,cragne(0)+.5 would work, but no.

axis, /yaxis, /save, !x,cragne(0)+.5, !y,cragne(0)+.5, yrange =
[0,100], ytitle = 'RH'

any idea? and what "!y,cragne(0)" can do for a y-axis?

Subject: Re: show a lifted y-axis
Posted by santorofer on Thu, 05 Apr 2012 23:07:12 GMT
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Hi Zhang,

Please, take a look at the IDL help system. In it you will see that:

CRANGE
The output axis range. Setting this variable has no effect; set ![XYZ].RANGE to change the range.
![XYZ].CRANGE[0]) always contains the minimum axis value, and ![XYZ].CRANGE[1] contains
the maximum axis value of the last plot before extending the axes.

Try setting the !y.range instead. Though, I'm not sure what you would like to do exactly: what do
you mean by "this yaxis is showing in the upper space and others are showing in the lower
space"?

Cheers,
Fernando

On Thursday, March 29, 2012 11:52:12 AM UTC-6, Zhang Bo wrote:
> Dear IDLers,
>
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> in the upper space and others are showing in the lower space. I know
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Subject: Re: show a lifted y-axis
Posted by santorofer on Fri, 06 Apr 2012 16:18:37 GMT
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Hi Zhang,

In case you were also interested in Displaying exploded axes with (New) Graphics (it's not clear if what you were describing was related with exploded axes), take a look at this webpage writen by one of our engineers:

 http://idldatapoint.com/2011/12/22/displaying-exploded-axes- with-new-graphics/

Cheers,
Fernando
Exelis VIS