Subject: Thickness of /box_axes?
Posted by rjp23 on Fri, 17 Jun 2011 15:36:19 GMT
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I'm not sure if I'm missing something obvious but I want to produce a multi-panel postscript plot which will have 8 maps on it, in 2 rows of 4.

I'm achieving this using the position keyword to map_set. This means that the map position is something like plot_position=[0.1,0.4, 0.25, 0.65].

The problem I'm having is that while the maps are the size I want, the box_axes surrounding them are far too thick. It looks like the box_axes keep a constant size when I change the size of the map so for a small map they're very disproportionally large.

Is there a way to set the thickness of the box_axes?

Thanks in advance.

Rob

Subject: Re: Thickness of /box_axes?
Posted by Brian McNoldy on Thu, 23 Jun 2011 22:19:20 GMT
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On Jun 17, 9:36 am, Rob <rj...@le.ac.uk> wrote:
> I'm not sure if I'm missing something obvious but I want to produce a
> multi-panel postscript plot which will have 8 maps on it, in 2 rows of
> 4.
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> I'm achieving this using the position keyword to map_set. This means
> that the map position is something like plot_position=[0.1,0.4, 0.25,
> 0.65].
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> The problem I'm having is that while the maps are the size I want, thebox_axessurrounding them are far too thick. It looks like thebox_axeskeep a constant size when I change the size of the map so for
> a small map they're very disproportionally large.
>
> Is there a way to set the thickness of thebox_axes?
>
> Thanks in advance.
>
> Rob

Curious if you or anyone has found an answer to this... it's exactly the question I was going to post. For my particular application, the box_axes thickness is too thin, but it's the same basic functionality question.

Brian

Subject: Re: Thickness of /box_axes?
Posted by Fab on Mon, 22 Jul 2013 21:21:29 GMT
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Hi,

the thickness can be set using E_GRID={BOX_AXES:0.5} in the map_set procedure.

BOX_AXES:1 will give you the standard one and then you decrease the thickness by decreasing the number until you reach 0 meaning no box_axes

I suppose you can increase the thickness by increasing the number

Best

Fabien

Subject: Re: Thickness of /box_axes?
Posted by Andy Sayer on Tue, 23 Jul 2013 13:25:34 GMT
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I was excited to see this reply as I'd had a similar problem to Rob and never found a good way to get around it. (I ended up having to make individual files for each plot and glue them together, as the axes were a reasonable thickness with only one plot-per-file.) However, Fabien, from IDL help it looks like your solution only works in IDL 8 and higher--is there a way you know of to do this in IDL 7.1?

On Monday, July 22, 2013 5:21:29 PM UTC-4, fabien.ca...@gmail.com wrote:
> Hi,
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>
> the thickness can be set using E_GRID={BOX_AXES:0.5} in the map_set procedure.
>
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>
> BOX_AXES:1 will give you the standard one and then you decrease the thickness by

decreasing the number until you reach 0 meaning no box_axes
>
>
>
> I suppose you can increase the thickness by increasing the number
>
>
>
> Best
>
>
>
> Fabien

Subject: Re: Thickness of /box_axes?
Posted by David Fanning on Wed, 24 Jul 2013 12:32:22 GMT
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AMS writes:

> I was excited to see this reply as I'd had a similar problem to Rob and never found a good way to get around it. (I ended up having to make individual files for each plot and glue them together, as the axes were a reasonable thickness with only one plot-per-file.) However, Fabien, from IDL help it looks like your solution only works in IDL 8 and higher--is there a way you know of to do this in IDL 7.1?

You could use the THICK keyword on cgMap_Grid.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Thickness of /box_axes?
Posted by Andy Sayer on Wed, 24 Jul 2013 13:22:25 GMT
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Oh, thanks for the tip. :) Will give it a go, next time!

On Wednesday, July 24, 2013 8:32:22 AM UTC-4, David Fanning wrote:
> AMS writes:
>
>
>
>> I was excited to see this reply as I'd had a similar problem to Rob and never found a good way to get around it. (I ended up having to make individual files for each plot and glue them together, as the axes were a reasonable thickness with only one plot-per-file.) However, Fabien, from IDL help it looks like your solution only works in IDL 8 and higher--is there a way you know of to do this in IDL 7.1?
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> You could use the THICK keyword on cgMap_Grid.
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> Cheers,
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> David
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> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")