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.
- >
- > 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,
- > 0.651.

>

- > 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** 

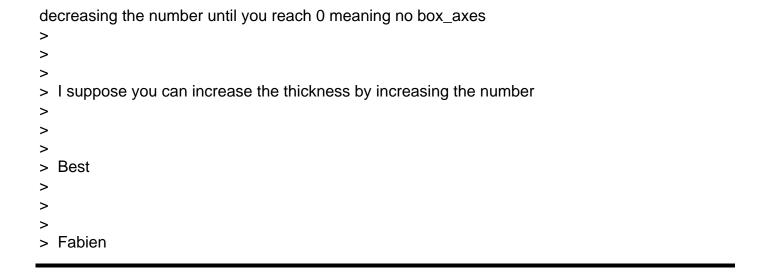
Fabien

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,
- >
- > 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



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? > > 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.")