

---

Subject: Re: Is there a way to plot with axis breaks in IDL?

Posted by [biophys](#) on Wed, 28 Apr 2010 02:45:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Ok, for those who are interested. I finally had sometime to hook up one of those old ide drives and dig out the file.

I added a new idldoc comment header in rst format and fixed a "ghost" problem with PS output. Basically I use a plot command with no breaks to determine the plot region and generate proper (x/y) titles. Then I have to erase the plot except those titles with another plot using background color. It works perfect for direct graphics but there will be "ghost" tick labels in PS output due to none perfect overlapping. I fixed it by patching with small background filled rectangles. It is not elegant but works for me so far.

Another issue is that ticklen can be very different when you have uneven plotting segments. It seems that the ticklen is proportional to the size of the plotting segment. I can scale the (major) ticklen with xticken/yticken keyword(s). However, the minor ticks does not scale accordingly.

Please visit the following site for source and documents and feel free to mature the code as you see fit. I am not sure how long this server will last since my boss had got another job a while ago. It would be nice someone can help hosting the file. Comments and suggestions are definitely welcome.

<http://tinyurl.com/2afInn2>

Best,  
Yun

On Apr 12, 10:11 am, mankoff <mank...@gmail.com> wrote:

> On Apr 11, 12:17 am, biophys <biop...@gmail.com> wrote:

>

>> I recall I did something without using xyouts years ago when I was TA-  
>> ing a physics class. It can do multiple breaks along both x and y axis  
>> as well as overplot etc. I can dig it out from my old hard drive if  
>> people are interested.

>

>> Cheers,

>> Yun

>

> I'm interested.

>

> -k.

---