
Subject: plot titles overflowing EPS bounding box
Posted by [Brad Gom](#) on Sun, 16 Aug 1998 07:00:00 GMT
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I am trying to do a multi plot to an encapsulated postscript file using XWINDOW.pro. My problem is that the axis titles keep getting truncated by the bounding box. Is there a way to ensure that the whole plot (including titles) fits in the bounding box (or plot window for that matter)?

thanks

Subject: Re: Plot Title
Posted by [K. Bowman](#) on Tue, 01 Feb 2005 13:13:02 GMT
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In article <1107263204.784909.214400@z14g2000cwz.googlegroups.com>, "pulsifer@bigfoot.com" <pulsifer@bigfoot.com> wrote:

- > I am using Plot followed by 2 axis commands to surround my plot with
- > axis with tick marks on all four sides.
- >
- > It works well until I add a title to the Plot command. The title is
- > overwritten by one of the axis labels.
- >
- > I can't find any parameters that let me control the title placement.
- > Is there some trick to doing this?

I think you will have to write the title with XYOUTS.

Ken Bowman

Subject: Re: Plot Title
Posted by [David Fanning](#) on Tue, 01 Feb 2005 14:34:19 GMT
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pulsifer@bigfoot.com writes:

- > I am using Plot followed by 2 axis commands to surround my plot with
- > axis with tick marks on all four sides.
- >
- > It works well until I add a title to the Plot command. The title is
- > overwritten by one of the axis labels.
- >
- > I can't find any parameters that let me control the title placement.

> Is there some trick to doing this?

You will have to use XYOUTS to put the title on. Something like this:

```
data = Findgen(11)
Plot, data, XStyle=8, YStyle=8, Position=[0.15, 0.15, 0.9, 0.85], $
  XTitle='1st X Title', YTitle='1st Y Title'
Axis, YAxis=1, YRange=[0,10], /Save, YTitle='2nd Y Title'
Axis, XAxis=1, XRange=[0,15], /Save, XTitle='2nd X Title'
x = (!X.Window[1] - !X.Window[0]) / 2. + !X.Window[0]
y = 0.92
XYOuts, x, y, 'This is plot title', /Normal, Align=0.5, Charsize=1.5
```

Cheers,

David

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David Fanning, Ph.D.

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: Plot Title

Posted by pulsifer@bigfoot.com on Wed, 02 Feb 2005 04:01:22 GMT

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As I was reading about XYOUTS, I found a way to get Plot to do what I want.

You take the title that you want to use and add '!C'.

```
tempTitle = title+'!C'
```

Now plot shifts everything so that it displays correctly and avoids me having to do the math to position the title and play with fudge factors. And, it works for printing also.
Thanks for the hints and ideas!

Dean Pulsifer
