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Subject: Re: wrong bounding box  
Posted by [davidf](#) on Wed, 17 May 2000 07:00:00 GMT  
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Ken Bowman (k-bowman@null.tamu.edu) writes:

- > There is definitely something wrong with the way the bounding box is
- > set when encapsulation is turned on. All my axis labels on the left-most
- > plots disappear when I turn encapsulation on. Opening the file in
- > Illustrator shows that the bounding box is the problem.
- >
- > I'm using P.MULTI. I'd rather not have to duplicate that function to
- > position my plots when I turn encapsulation on.

Possibly. But I have hundreds of encapsulated PostScript files in my book and not a one of them has the annotation cut off. I'll see what I can find out.

You could set the outside margin with !P.Multi to give yourself more room for the plots (!X.OMargin). Remember that these units are character units. And save the defaults or they are *\*very\** hard to guess. :-)

Cheers,

David

--

David Fanning, Ph.D.  
Fanning Software Consulting  
Phone: 970-221-0438 E-Mail: [davidf@dfanning.com](mailto:davidf@dfanning.com)  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Toll-Free IDL Book Orders: 1-888-461-0155

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Subject: Re: wrong bounding box  
Posted by [K. Bowman](#) on Wed, 17 May 2000 07:00:00 GMT  
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In article <MPG.138c4aba88e8cc85989b29@news.frii.com>, David Fanning <[davidf@dfanning.com](mailto:davidf@dfanning.com)> wrote:

- > B. Lop off enough of the table with your chain saw
- > to make it fit.

David,

There is definitely something wrong with the way the bounding box is

set when encapsulation is turned on. All my axis labels on the left-most plots disappear when I turn encapsulation on. Opening the file in Illustrator shows that the bounding box is the problem.

I'm using P.MULTI. I'd rather not have to duplicate that function to position my plots when I turn encapsulation on.

Ken

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Subject: Re: wrong bounding box  
Posted by [davidf](#) on Wed, 17 May 2000 07:00:00 GMT  
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Andrew (noymer@my-deja.com) writes:

> I have another question re: EPS files.  
>  
> DEVICE, XSize=10, YSize=8, /ENCAPSULATED, \$  
>     Filename='foo.eps'  
>  
> The bounding box is usually right on. But when I have  
> a second Y axis, the BB is too far to the left, i.e.  
> the rightmost y-axis-labels are clipped.  
>  
> Easily fixed: modify the BB by hand. It's the second  
> line of the EPS file, which is just an ASCII text file.  
>  
> But: why is this??? How hard can it be to calculate a  
> frigging bounding box?  
>  
> And: can I use the xoffset keyword? Man page says this  
> does not work for /ENCAPSULATED.

Because I am thinking about things domestic this week,  
I offer a home decorating quiz:

You bought a brand new dining room table from the  
expensive shop on the corner. When you get it home  
you find it doesn't fit in the dining room. Should you:

- A. Take out the exterior wall and build an addition  
to accommodate the table.
- B. Lop off enough of the table with your chain saw  
to make it fit.
- C. Take the table back to the store and exchange it

for a smaller one.

Well?

I'm guessing your would answer A. IDL certainly would answer B. But I am sure God's answer would be C, and is the reason she invented the Position keyword for the Plot command. :-)

Cheers,

David

P.S. From my book:

```
curve = LoadData(1)
Plot, curve, YStyle=8, YTitle='Solid Line', $
  Position=[0.15, 0.15, 0.85, 0.95]
Axis, YAxis=1, YRange=[0,Max(curve)*5]), /Save, $
  YTitle='Dashed Line'
OPlot, curve*5, LineStyle=2
```

--

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Subject: Re: wrong bounding box  
Posted by [Kenneth P. Bowman](#) on Thu, 18 May 2000 07:00:00 GMT  
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In article <8fvole\$s5d\$1@nnrp1.deja.com>, Andrew <noymer@my-deja.com>  
wrote:

Here's a workaround: Save the file as PS instead of EPS. Run it  
through Adobe Acrobat Distiller to make a PDF file. You can open the  
PDF file in Illustrator and save it in Illustrator or EPS format.

Ken

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Subject: Re: wrong bounding box  
Posted by [noymer](#) on Thu, 18 May 2000 07:00:00 GMT  
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In article <MPG.138c4aba88e8cc85989b29@news.frii.com>,  
davidf@dfanning.com (David Fanning) wrote:

> A. Take out the exterior wall and build an addition  
> to accommodate the table.  
>

Well it seemed like a good idea at the time. :-)

Andrew  
noymer@my-deja.com

Sent via Deja.com <http://www.deja.com/>  
Before you buy.

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