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Subject: Re: IDL produced postscript files in latex  
Posted by [davidf](#) on Tue, 17 Oct 2000 07:00:00 GMT  
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Simon Webster (simon@nonsense.co.uk) writes:

> I'm producing postscript files with idl to go in a latex article.  
> Everything is fine when i just have one plot on the page, but when i  
> used !p.multi=[0,2,0] latex acted as though the second graph didn't  
> exist, overwriting the plot with text. Is this a known problem and is  
> there any way around it?

Gosh, it has been a LONG time since I worked with Latex.  
The original IDL documentation was written in Latex,  
which looked like gibberish to the folks who were  
turning IDL into PV-Wave. They hired me, I think,  
because I had a Ph.D. and they (mistakenly, probably)  
thought that meant I would be smart enough to figure  
it out. As I recall, they wanted me to scratch out  
"IDL" everywhere it occurred and write in "PV-Wave".

I spent two days with the LaTeX manuals, then figured  
out how to do a global search and replace. I let a week  
or 10 days go by while I sort of got used to the new  
place, etc. Finally, I told them I was finished with  
the job. They were so impressed with how short a time  
it took me that they gave me a \$700 bonus, as I recall. :-)

Anyway, I don't \*ever\* remember difficulty getting  
LaTeX to accept encapsulated PostScript output, even  
with multi-plots (and we had several of them in the  
IDL documentation). You are certain you have set it  
up correctly:

```
thisDevice = !D.Name
!P.Multi=[0, 2, 1]
Set_Plot, 'PS'
Device, XSize=5, YSize=5, /Inches, /Encapsulated, $
    Filename='myplot.eps'
Plot, data
Plot, moredata
Device, /Close_File
Set_Plot, thisDevice
!P.Multi = 0
```

I don't recall at all the LaTeX commands, but presumably  
the bounding box in the encapsulated PostScript file  
will set the correct amount of space aside in the LaTeX

file.

I would look elsewhere for your problem. :-)

Cheers,

David

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