
Subject: importing a PS figure into LaTeX
Posted by [kump](#) on Thu, 02 Jun 1994 15:36:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

I'm having difficulties importing a postscript figure into Latex.
My general steps are to create a ps output (set_plot,'ps') with
(device,/ENCAPSULATED), then include into a LaTeX document.
I am looking to output both images and plots.

In Latex I have tried to use psfig as I generally do with other PS files.

IDL tech support referred me to idlplot_dvips.tex (found in IDL distribution)
which really didn't help too much--I am using Radical Eye dvips not
ArborText dvips.

The problems I am experiencing are wrong sizing, missing figures, even
strange figures.

Any help is appreciated.

Thanks,

Ken Kump

Biomedical Image Processing Laboratory
Department of Biomedical Engineering
Case Western Reserve University
Cleveland, Ohio 44106, USA

E-mail: kump@morph.ebme.cwru.edu

Subject: Re: importing a PS figure into LaTeX
Posted by [jacobsen](#) on Fri, 03 Jun 1994 23:47:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

I routinely include all sorts of IDL EPS files into
LaTeX. I use epsf.tex like this:

```
\input{epsf}  
...  
\begin{figure}  
  \epsfxsize=6.in  
  \centerline{\epsfbox{file.eps}}  
  \caption{blah blah}  
\end{figure}
```

I use the stock epsf.tex file on <ftp.shsu.edu>
quote site index epsf.tex

On PC-TeX for windows, I have a modified version:
anonymous ftp to xray1.physics.sunysb.edu
cd pub/msdos/pctex
get epsf.tex

--

Chris Jacobsen, Asst. Prof., Department of Physics, SUNY at Stony Brook
Phone (516) 632-8093, FAX -8101 Bitnet: cjacobsen@sbccmail
jacobsen@xray1.physics.sunysb.edu Stony Brook ALL-IN_ONE: CJACOBSEN

Subject: Re: importing a PS figure into LaTeX
Posted by [thompson](#) on Sat, 04 Jun 1994 16:21:24 GMT
[View Forum Message](#) <> [Reply to Message](#)

kump@fluoro.cwru.edu (Kenneth S. Kump) writes:

- > I'm having difficulties importing a postscript figure into Latex.
- > My general steps are to create a ps output (set_plot,'ps') with
- > (device,/ENCAPSULATED), then include into a LaTeX document.
- > I am looking to output both images and plots.

- > In Latex I have tried to use psfig as I generally do with other PS files.

- > IDL tech support referred me to idlplot_dvips.tex (found in IDL distribution)
- > which really didn't help too much--I am using Radical Eye dvips not
- > ArborText dvips.

- > The problems I am experiencing are wrong sizing, missing figures, even
- > strange figures.

That's interesting. I've had no trouble using psfig to include IDL generated .eps files with either Arbortext's dvips or with the shareware program of the same name.

Bill Thompson

Subject: Re: importing a PS figure into LaTeX
Posted by [sjt](#) on Mon, 06 Jun 1994 10:54:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

We use radical eye dvips here and I've never had any problems, using

```
\documentstyle[epsf,11pt]{article}
```

in the header and then creating the figure with:

```
\begin{figure}  
\epsffile{idl.ps}  
\caption{whatever}  
\end{figure}
```

The only slight catch is that you must only use

device,/landscape if you really want the figure perpendicular to the text.

--

James Tappin, School of Physics & Space Research
University of Birmingham
sjt@xun8.sr.bham.ac.uk
"If all else fails--read the instructions!"
