

Handling PostScript files

Sylvia & Patrik

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Some graphics packages used with $\text{\TeX}$, such as `tree-dvips`, `pstricks` or `colortab`, contain PostScript specials and generate outputs that can't usually be viewed correctly in a `.dvi` file. So, if you're using one of these packages, you have to convert your `.dvi` output to a `.ps` file. You also need a PostScript interpreter to view and print `.ps` files.

If you're using **$\text{\TeX}$ Shop**, you can skip everything below. All you have to mind is to typeset documents containing PostScript commands by using *$\text{\TeX}$* and *GhostScript*, not *pdf $\text{\TeX}$* (which is the default in **$\text{\TeX}$ Shop**). You can change this in the *Typeset* menu of **$\text{\TeX}$ Shop**.

Note: the blue strings are hyperlinks. They work with **Acrobat**, but not with **Preview**.

1 Mac OS 9

1.1 Getting a PostScript interpreter

Get the installer for [MacGS](#). (If you installed $\text{\TeX}$ from the CD we provided, you should already have the MacGS installer.) Simply click on the installer, and you'll be guided through the installation process – all you have to do is keep clicking.

1.2 Converting `.dvi` to `.ps`

The platform independent way is to say `dvips yourfile.dvi` in the command line (you have to be in the same directory as your `.dvi` file). If you prefer clicking, here's how you do it with **Oz $\text{\TeX}$** . From **Oz $\text{\TeX}$** 's *Tools* menu, select *dvips yourfile.dvi* (after you've created a `.dvi` from your `.tex` file, of course). Then you can view and print the `.ps` file using **MacGS**.

1.3 Converting `.ps` to `.pdf`

Open your `.ps` file with **MacGS**. From the *File* menu, select *Export*, choose your settings (which pages you want to convert and where you want the `.pdf` to be put).

2 Windows

2.1 Getting a PostScript interpreter

Get the installer for **GhostScript** (PostScript interpreter) and the graphical interface **GSView**, and install them in this order.

2.2 Converting *.dvi* to *.ps*

The platform independent way is to say `dvips yourfile.dvi` in the command line (you have to be in the same directory as your *.dvi* file). Otherwise, use **WinEDT**'s *dvips* icon (this will only be enabled if the *.tex* file you are viewing has a *.dvi* output – i.e., if you've L^AT_EXed it already.) Then you can view and print the *.ps* file using **GSView**.

2.3 Converting *.ps* to *.pdf*

Open your *.ps* file with **GSView**. From the *File* menu, select *Convert*, choose your settings (which pages you want to convert and where you want the *.pdf* to be put).