

Sample PDF Document

Robert Maron
Grzegorz Grudziński

February 20, 1999

Contents

1	Template	5
1.1	How to compile a <code>.tex</code> file to a <code>.pdf</code> file	5
1.1.1	Tools	5
1.1.2	How to use the tools	5
1.2	How to write a document	6
1.2.1	The main document	6
1.2.2	Chapters	6
1.2.3	Spell-checking	6
1.3	\LaTeX and pdf \LaTeX capabilities	7
1.3.1	Overview	7
1.3.2	\LaTeX	7
1.3.3	pdf \LaTeX	7
1.3.4	Examples	7

Chapter 1

Template

1.1 How to compile a `.tex` file to a `.pdf` file

1.1.1 Tools

To process the files you (may) need:

- `pdflatex` (for example from `tetex` package $\geq 0.9-6$, which you can get from [Red Hat 5.2](#));
- `acroread` (a PDF viewer, available from <http://www.adobe.com/>);
- `ghostscript` ≥ 5.10 (for example from [Red Hat Contrib](#)) and `ghostview` or `gv` (from RedHat Linux);
- `efax` package could be useful, if you plan to fax documents.

1.1.2 How to use the tools

Follow these steps:

1. put all source `.tex` files in one directory, then `chdir` to the directory (or put some of them in the `LTEX` search path — if you know how to do this);
2. run “`pdflatex file.tex`” on the main file of the document three times (three — to prepare valid table of contents);
3. to see or print the result use `acroread` (unfortunately some versions of `acroread` may produce PostScript which is too complex), or