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# 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`  $\geq 5.10$  (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 `LTEXsearch` 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