Installing LaTeX

Jason Gross

LaTeX for the impatient

This section is taken from `http://www.latex-project.org/ftp.html`.

Linux

Your system distribution or vendor has probably provided a TeX system including LaTeX. Check your usual software source for a TeX package; otherwise install TeX Live directly.

Mac OS X

The MacTeX distribution contains everything you need, including a complete TeX system with LaTeX itself and editors to write your documents.

Windows

Check out the proTeXt system; this allows you to install a full TeX system, including LaTeX, while reading about the basics of the installation.

1 Installing LaTeX on Windows

1.1 proTeXt

According to their website, "proTeXt aims to be an easy-to-install TeX distribution for Windows, based on MiKTeX. After downloading, it guides the installation via a short pdf document (available in English, French, German, and Italian), which provides clickable links to install the various components, along with explanations." You can download proTeXt from `http://www.tug.org/protext/`. If you want a direct download link, `http://ftp.math.purdue.edu/mirrors/ctan.org/systems/windows/protext/protext.exe` will let you download proTeXt.

1.2 MiKTeX and TeXnicCenter

You can download MiKTeX from `http://miktex.org/`, or from the "Download" button next to "Basic MiKTeX 2.8" Installer at `http://miktex.org/2.8/setup`. You can download TeXnicCenter from `http://www.texniccenter.org/`, or from `http://downloads.sourceforge.net/project/texniccenter/TeXnicCenter/1.0%20Stable%20RC1/TXCSetup_1StableRC1.exe?use_mirror=softlayer` if you want a direct link.

1.3 Installing Linux and Kile

If you want to use the program we used in class, you can install ubuntu with Wubi, at `http://wubi-installer.org/`. And then refer to the unix section. If you don't have the `apt-get` command, you can install Debathena, from `http://debathena.mit.edu/`, or `http://debathena.mit.edu/install` (you should probably choose debathena-standard).

2 Installing LaTeX on Macintosh

2.1 TeXShop and TeX Live via MacTeX

You can install both TeX Live and TeXShop by downloading MacTeX, from `http://www.tug.org/mactex`, or `http://mirror.ctan.org/systems/mac/mactex/MacTeX.mpkg.zip` if you want a direct link. If you want to download them separately, you can download TeXShop from `http://www.uoregon.edu/~koch/texshop/`, or `http://www.uoregon.edu/~koch/texshop/texshop.zip` if you want a direct link.

3 LaTeX on Unix

3.1 TeX Live and Kile

I'm not that familiar with unix systems, so if you use one, hopefully, you know more than I do. If you have the right packages/utilities installed, you can install Kile with the command line `sudo apt-get install kile`. Alternatively, the webiste for TeX Live is `http://www.tug.org/texlive`, and the website for Kile is `http://kile.sourceforge.net/`.