

# Installing L<sup>A</sup>T<sub>E</sub>X

Jason Gross

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## L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X. 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 L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X 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.psu.edu/mirrors/ctan.org/systems/windows/protext/protext.exe> will let you download proTeXt.

## **1.2 MiK<sub>T</sub>E<sub>X</sub> and T<sub>E</sub>XnicCenter**

You can download MiK<sub>T</sub>E<sub>X</sub> from <http://miktex.org/>, or from the “Download” button next to “Basic MiK<sub>T</sub>E<sub>X</sub> 2.8” Installer at <http://miktex.org/2.8/setup>. You can download T<sub>E</sub>XnicCenter from <http://www.texniccenter.org/>, or from [http://downloads.sourceforge.net/project/texniccenter/TExnicCenter/1.0%20Stable%20RC1/TXCSetup\\_1StableRC1.exe?use\\_mirror=softlayer](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 L<sub>A</sub>T<sub>E</sub>X on Macintosh**

## **2.1 T<sub>E</sub>XShop and T<sub>E</sub>X Live via MacT<sub>E</sub>X**

You can install both T<sub>E</sub>X Live and T<sub>E</sub>XShop by downloading MacT<sub>E</sub>X, 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 T<sub>E</sub>XShop from <http://www.uoregon.edu/~koch/texshop/>, or <http://www.uoregon.edu/~koch/texshop/texshop.zip> if you want a direct link.

# **3 L<sub>A</sub>T<sub>E</sub>X on Unix**

## **3.1 T<sub>E</sub>X 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 website for T<sub>E</sub>X Live is <http://www.tug.org/texlive>, and the website for Kile is <http://kile.sourceforge.net/>.