

1 R Installation Instructions

1. Download R from <http://cran.r-project.org/mirrors.html>.¹
2. Once you've picked a mirror:
 - Windows users: download the base file.
 - Mac users: download the R binary (R-3.0.0.pkg) file.
3. When it's done downloading, install R.
4. (Optional) Download and install the most recent version of RStudio from <http://www.rstudio.com/ide/download/desktop>.²
 - Make sure you install R before RStudio. Not doing so could potentially cause issues.

2 L^AT_EX Installation Instructions

LaTeX is a powerful document preparation system. It allows you to output high-quality and customizable pdf documents. L^AT_EX is a document markup language, meaning that it consists of syntax that specifies to the program how the document is to be formatted - that is, typesetting instructions. More common examples of markup languages are HTML and XML. Markup embedded in a L^AT_EX document conveys formatting and processing specifications to the T_EX engine. It then allows you to output fancy PDFs like this one (and just about everything else used in the Prefresher)

To begin using L^AT_EX you need to things:

- L^AT_EX front end or text editor to write a .tex file
- L^AT_EX compiler that processes the T_EX code you've written and outputs the document you want

Windows users:

- Compiler: MiKTeX
- Some editors: Texmaker , TeXnic Center , LyX. ³

Mac users:

- Compiler: MacTeX
- Some editors: TeXShop , Aquamacs , Texmaker , TextWrangler , Latexian

¹It doesn't really matter which mirror you use.

²RStudio is, in my opinion, the best IDE (integrated development environment) for R. It allows you to simultaneously see your R Console, multiple scripts of code, all the objects in your workspace, your working directory, plots, installed packages, and help files. You don't need RStudio (or any IDE) to run R, but it makes your life a lot easier.

³Windows users: only download the installer (not the bundle) since you've already downloaded MiKTeX