

# LaTeX on MacOS X

## Install

1. [The MacTeX Distribution](#): this is the new “standard” for LaTeX on MacOS, it is based on the official TUG TeX Live distribution. Just install the [MacTeX.dmg](#) (full TeX Live distribution from TUG, unmodified). When using the install package, there is an extra button at bottom left labeled “Customize”; by clicking it, you can choose what to install: install just the TeX Live distribution, and uncheck anything else. You can install the other stuff independently.
2. You need to install **ghostscript** and **ImageMagick** as well. We suggest **not** to use the above MacTeX to install them, but rather to use [MacPorts](#).

## Typesetting with LaTeX

You can use [Aquamacs](#), *an easy-to-use, Mac-style Emacs for Mac OS X* (sic.). It comes with [LaTeX support](#) built in. The only caveat is that you need to install ispell (or aspell) to get the internal spell checker to work. To this purpose you can use [MacPorts](#) or [cocoAspell](#).

On top of Aquamacs (or of your favourite emacs) you can install the [Enhanced Carbon Emacs \(ECE\) plugin](#): Enhanced Carbon Emacs is now a universal enhancement plugin for arbitrary (unix, carbon, or aqua) emacs distributions (such as Yaced, Aquamacs, CarbonEmacs Tiger, or the native darwin emacs in `/usr/bin/emacs`). This includes a fully customisable LaTeX editing environment based on AucTeX, RefTeX, Preview and other packages. Basically, ECE is a convenient way to properly install a large number of pre-configured useful packages for LaTeX users, which includes a hack of AUCTeX, that allows to have a more intuitive handling of the “view” command in a macintosh context (in particular, for non-pdftex users willing to preview in pdf).

There are other alternatives, like [iTeXMac](#) or [TeXShop](#).

Apple Preview.app doesn't reload the PDF file when it changes, which is kind of annoying. A good PDF previewer for latex is [PDFView](#). You can use [TeXniscopes](#) which works with DVIs as well; but it doesn't seem to play well with intel macs.

Check out [LaTeXiT](#), handy in combination with Keynote, Powerpoint, or other software in which you want to include latex snippets.

As for bib files, [BibDesk](#) is a graphical BibTeX-bibliography manager for Mac OS X; it also allows you to export to HTML and RSS.

## Links

- [Getting Started With TeX](#)

From:

<https://wiki.inf.unibz.it/> - **Engineering-Tech Wiki**

Permanent link:

[https://wiki.inf.unibz.it/doku.php?id=contrib:latex\\_on\\_macosx](https://wiki.inf.unibz.it/doku.php?id=contrib:latex_on_macosx)

Last update: **2019/01/16 10:03**

