

# Installing L<sup>A</sup>T<sub>E</sub>X on a Windows Computer

To use L<sup>A</sup>T<sub>E</sub>X properly you have to install a number of programs in the here stated order.

- The first step is to install *Adobe Acrobat Reader*.<sup>1</sup> In most cases Adobe Reader should already be installed on your computer. Please check anyway if you have the latest version.
- The next step is to install *GPL Ghostscript*.<sup>2</sup> Ghostscript is necessary in order to work with PSTricks, but even if you do not plan to work with PSTricks right now, you should install it anyway because an installation afterwards is more complex.
- The third step is to install a *L<sup>A</sup>T<sub>E</sub>X-distribution*. For Windows, Miktex is the standard distribution.<sup>3</sup> The latest version should be installed completely. After the installation, please find the following file, called "miktex-update" (when having admin rights please use "miktex-update\_admin"). After that, you have to select: "Let me choose a remote package repository" and continue the installation. (We recommend the ftp://ftp.rzn.uni-hannover.de package repository, which you can easily find by scrolling down to the German package repositories.) Continue your installation, by installing the package, which is already chosen, "miktex-runtime-bin-x32-2.9" . Run the installation! After you finished the installation, you open again the "miktex-update".exe and choose again, the package repository you just used. Now you can choose to select all packages. Run the installation!
- In order to work with L<sup>A</sup>T<sub>E</sub>X , you need a suitable front-end. There is a variety of programs, but the most common ones are *TeXnicCenter*<sup>4</sup> and *WinEdt*.<sup>5</sup>
- As a last step there are various programs for an uncomplicated creation and maintenance of bibtex-files. The most common one is *JabRef*.<sup>6</sup> An installation is not required, but recommended to simplify your work with Latex.

If you want to get more information, the internet offers multiple manuals in great detail for the installation of L<sup>A</sup>T<sub>E</sub>X- distributions, front-ends and other useful programs which are associated with L<sup>A</sup>T<sub>E</sub>X, for example:

<http://sicklinger.com/en/installationsanleitung-latex-unter-windows>.

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<sup>1</sup>Download at: <http://get.adobe.com/de/reader/>

<sup>2</sup>Download at: <http://www.ghostscript.com/download/gsdnld.html>

<sup>3</sup>Download at: <http://miktex.org/download>

<sup>4</sup>Download at: <http://www.texniccenter.org/download/>

<sup>5</sup>Download at: <http://www.winedt.com/download.html>

<sup>6</sup>Download at: <http://jabref.sourceforge.net/>