

L^AT_EX 2_ε Installation Instructions

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DVDs are available in the Grad Suite Computer room

Windows OS: DVD-KCGS/Win/Latex/Jan2012/01

Basic MikTeX (Tex package distribution) - compact / basic installer

1. Download Basic-MikTeX 2.9 (32bit or 64bit) from <http://miktex.org/download>
2. Run the installer <http://docs.miktex.org/2.9/manual/ch02s02.html>
3. To add a new package go to Start » All Programs » MikTeX 2.9 » Maintenance (Admin) and choose Package Manager
4. Select or search for packages to install

or

TeXLive package - full version

1. Download the TeXLive ISO (2.2GB) from <http://anorien.csc.warwick.ac.uk/mirrors/CTAN/systems/texlive/Images/texlive2013.iso>
2. Download WinCDEmu (if you don't have a virtual drive) from <http://wincdemu.sysprogs.org/download/WinCDEmu-3.6.exe>
3. To install Windows CD Emulator follow the instructions at <http://wincdemu.sysprogs.org/tutorials/install/>
4. Right click the iso and mount it using the WinCDEmu as shown in <http://wincdemu.sysprogs.org/tutorials/mount/>
5. Open your virtual drive and run setup.pl

TexStudio (Tex Editor)

1. Download TexStudio 2.6 from <http://texstudio.sourceforge.net/#downloads>
2. Run the installer

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Mac OS X: DVD-KCGS/Mac/Latex/Jan2012/01

MacTex (Installs TexLive 2013)

1. Download the file from <http://mirror.ctan.org/systems/mac/mactex/MacTeX.pkg>
2. Extract and double click to run the installer. It does the entire configuration, sit back and relax.

TexStudio (Tex Editor)

1. Download TexStudio 2.6 from <http://texstudio.sourceforge.net/#downloads>
2. Extract and Start

Unix/Linux: DVD-KCGS/Unix/Latex/Jan2012/01

Tex Live 2013

Getting the distribution:

1. TexLive can be downloaded from <http://www.tug.org/texlive/acquire-netinstall.html>. You might require wget to download through proxies.
2. TexLive DVD is also available in the Grad Suite
3. TexLive is provided by most operating system you can use (rpm, apt-get or yum) to get TexLive distributions (note: usually it's the old TexLive 2007)

Installation

1. Mount the ISO file in the mnt directory

```
mount -t iso9660 -o ro,loop,noauto /your/texlive2011.iso /mnt
```

2. Get wget on your OS (use rpm, apt-get or yum install)
3. Run the installer script install-tl.

```
cd /your/download/directory
./install-tl
```

4. Enter command 'i' for installation
5. Post-Installation configuration:
<http://www.tug.org/texlive/doc/texlive-en/texlive-en.html#x1-320003.4.1>

6. Set the path for the directory of TexLive binaries in your .bashrc file

For 32Bit OS

For Bourne-compatible shells such as bash, and using Intel x86 GNU/Linux and a default directory setup as an example, the file to edit might be

```
edit ~/.bashrc file and add following lines
PATH=/usr/local/texlive/2011/bin/i386-linux:$PATH; export PATH
MANPATH=/usr/local/texlive/2011/texmf/doc/man:$MANPATH; export MANPATH
INFOPATH=/usr/local/texlive/2011/texmf/doc/info:$INFOPATH; export INFOPATH
```

For 64Bit

```
edit ~/.bashrc file and add following lines
PATH=/usr/local/texlive/2011/bin/x86_64-linux:$PATH; export PATH
MANPATH=/usr/local/texlive/2011/texmf/doc/man:$MANPATH; export MANPATH
INFOPATH=/usr/local/texlive/2011/texmf/doc/info:$INFOPATH; export INFOPATH
```