LaTeX 2ε Installation Instructions

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Windows OS

TeXdistribtion

TeXLive (Recommended)

1. Download the TeXLive ISO ($\sim$ 2.5 GB) from http://anorien.csc.warwick.ac.uk/mirrors/CTAN/systems/texlive/Images/texlive2014.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`

MikTeX

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

TexStudio (TeXEditor)

1. Download TexStudio 2.8 from http://texstudio.sourceforge.net/#downloads

2. Run the installer

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Mac OS X

MacTex (Install TeXLive 2014)

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 (TeXEditor)

1. Download TeXStudio 2.8 from http://texstudio.sourceforge.net/#downloads

2. Extract and Start

Unix/Linux:

Installation using Linux packages

Fedora/RedHat/CentOS:

```
sudo yum install texlive
sudo yum install psutils
```

SUSE:

```
sudo zypper install texlive
```

Debian/Ubuntu:

```
sudo apt−get install texlive  texlive −latex−extra
sudo apt−get install psutils
```

Direct installation (latest version)

Getting the distribution

1. TeXLive can be downloaded from https://www.tug.org/texlive/acquire.html. You might require wget to download through proxies.

2. 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)

Installation

1. Mount the ISO file in the mnt directory

```
mount −t iso9660 −o ro,loop,noauto /your/texlive2014.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 (Environment variables for Unix): 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:

   64Bit

   ```
   PATH=/usr/local/texlive/2014/bin/x86_64-linux:$PATH; export PATH
   MANPATH=/usr/local/texlive/2014/texmf/doc/man:$MANPATH; export MANPATH
   INFOPATH=/usr/local/texlive/2014/texmf/doc/info:$INFOPATH; export INFOPATH
   ```

   32Bit

   ```
   PATH=/usr/local/texlive/2014/bin/i386-linux:$PATH; export PATH
   MANPATH=/usr/local/texlive/2014/texmf/doc/man:$MANPATH; export MANPATH
   INFOPATH=/usr/local/texlive/2014/texmf/doc/info:$INFOPATH; export INFOPATH
   ```