

## **Latex Installation Instructions:**

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**DVDs available in the Grad Suite Computer room**

### **Windows XP/Vista/7: DVD-KCGS/Win/Latex/Jan2012/01**

*Basic MikTeX (Tex package distribution)*

- (1) Download Basic-MikTeX 2.9 (32bit or 64bit) from <http://miktex.org/2.9/setup>
- (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 (Tex Editor)

- (1) Download TexStudio 2.2 from <http://texstudio.sourceforge.net/#downloads>
- (2) Run the installer

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

*MacTex (Installs TexLive 2011)*

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

TexStudio (Tex Editor)

- (3) Download TexStudio 2.2 from <http://texstudio.sourceforge.net/#downloads>
- (4) Run the installer

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

### *Tex Live 2011*

#### *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

*Post-Installation configuration:* <http://www.tug.org/texlive/doc/texlive-en/texlive-en.html#x1-320003.4.1>

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 \$HOME/.profile (or another file sourced by .profile, and the lines to add would look like this:

```
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*

```
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
```