

Instructions for Using UCThesis with L^AT_EX

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1 Download

1. Download L^AT_EX from <http://www.lyx.org>
2. Download the latest version of UCThesisForLyx.

2 Windows Installation

2.1 Install L^AT_EX

1. Start the L^AT_EX installation and follow the prompts. Unless it is absolutely necessary use the installation defaults.
2. You will be prompted to install MiK_TE_X. If you have already MiK_TE_X installed, select the installation directory. If not L^AT_EX can download the program and automatically install it for you. Do NOT select 'Install without a L^AT_EX typesetting system.'
3. The L^AT_EX installation will download and install the necessary aspell dictionaries and MiK_TE_X.
4. Note that L^AT_EX may require additional packages be downloaded. If prompted, select Ok to allow these downloads.

2.2 Install UCThesisForLyx

1. Unpack the zip file. It will contain two folders, the configuration files in *..\Configuration Files* and an example thesis in *..\example*
2. Add L^AT_EX class files to MiK_TE_X.
 - (a) Copy the *ucthesisLyx* folder to the MiK_TE_X program directory *..\MiKTEX x.x\tex\latex* where *x.x* is the MiK_TE_X version installed.
 - (b) Copy the *ucthesisBibStyle* folder to the MiK_TE_X program directory *..\MiKTEX x.x\bibtex\bst* where *x.x* is the MiK_TE_X version installed.
 - (c) Open the MiK_TE_X Settings (Admin) Manager located at *Start>Programs>MiKTEX x.x>Maintenance (Admin)*. Under the General Tab select Refresh FNDB. This will add the *ucthesisLyx* folders to MiK_TE_X.
3. Add the *ucthesisLyx.layout* file to L^AT_EX.
 - (a) Copy *ucthesisLyx.layout* to the L^AT_EX layouts folder *..\LYX20\Resources\layouts*
 - (b) Open L^AT_EX
 - (c) Reconfigure the application by selecting *Tools > Reconfigure*
 - (d) Restart L^AT_EX
4. Open *Thesis.lyx*. Confirm that the Thesis (University of California Thesis Class) is available as a Document Class by selecting *Document > Settings and selecting Thesis (University of California Thesis Class)* from the drop-down menu.

3 Mac OS Installation

3.1 Install MacT_EX

Download and install MacT_EX available at <http://www.tug.org/mactex/>

3.2 Install L_YX

Download and install the L_YX Mac OS binaries from <http://www.lyx.org>

3.3 Install UCThesisForLyx

1. Unpack the zip file. It will contain two folders, the configuration files in *..\Configuration Files* and an example thesis in *..example*
2. Copy the *ucthesisLyx* folder to *~/Library/texmf/tex/latex*
 - (a) Note: In Mac OS Lion the Library folder is hidden by default. It can be accessed by holding down the Option key when clicking the Go menu in Finder- the Library icon will appear as a menu option.
 - (b) Note: If the *~/Library/texmf/tex/latex* directory does not exist, it can be created by entering the following command at terminal **mkdir -p ~/Library/texmf/tex/latex**
3. Copy the *ucthesisBibStyle* folder to *~/Library/texmf/bibtex/bst*
 - (a) Note: If the *~/Library/texmf/bibtex/bst* directory does not exist, it can be created by entering the following command at terminal **mkdir -p ~/Library/texmf/bibtex/bst**
4. Add the *ucthesisLyx.layout* file to L_YX.
 - (a) Copy *ucthesisLyx.layout* to */Applications/LyX.app/Contents/Resources/layouts*
 - (b) Open L_YX
 - (c) Reconfigure the application by selecting *Tools > Reconfigure*
 - (d) Restart L_YX

4 Upgrading

1. If you are upgrading from a previous version of UCThesisForLyx, follow the instructions above, replacing the existing files in *ucthesisLyx* and *ucthesisBibStyle* folders with those from the latest version.
2. On Windows
 - (a) Open the MiKTEX Settings Manager located at *Start>Programs>MiKTEX x.x>Maintenance (Admin)*. Under the General Tab select Refresh FNDB.
 - (b) Reconfigure L_YX by selecting *Tools > Reconfigure* and restarting
3. On Mac OS
 - (a) Reconfigure L_YX by selecting *Tools > Reconfigure* and restarting

5 LyX Thesis Options

Four options can be set under the Document > Settings > Documents Settings panel. If not specified the thesis defaults are 12pt, single spaced, with chapter titles having a separate page, and using the default bibliography style.

1. Font Size

(a) Available Options: *10pt*, *11pt*, or *12pt*

2. Line Spacing: Select either single or double spaced lines.

(a) Available Options: *SingleSpaced* or *DoubleSpaced*

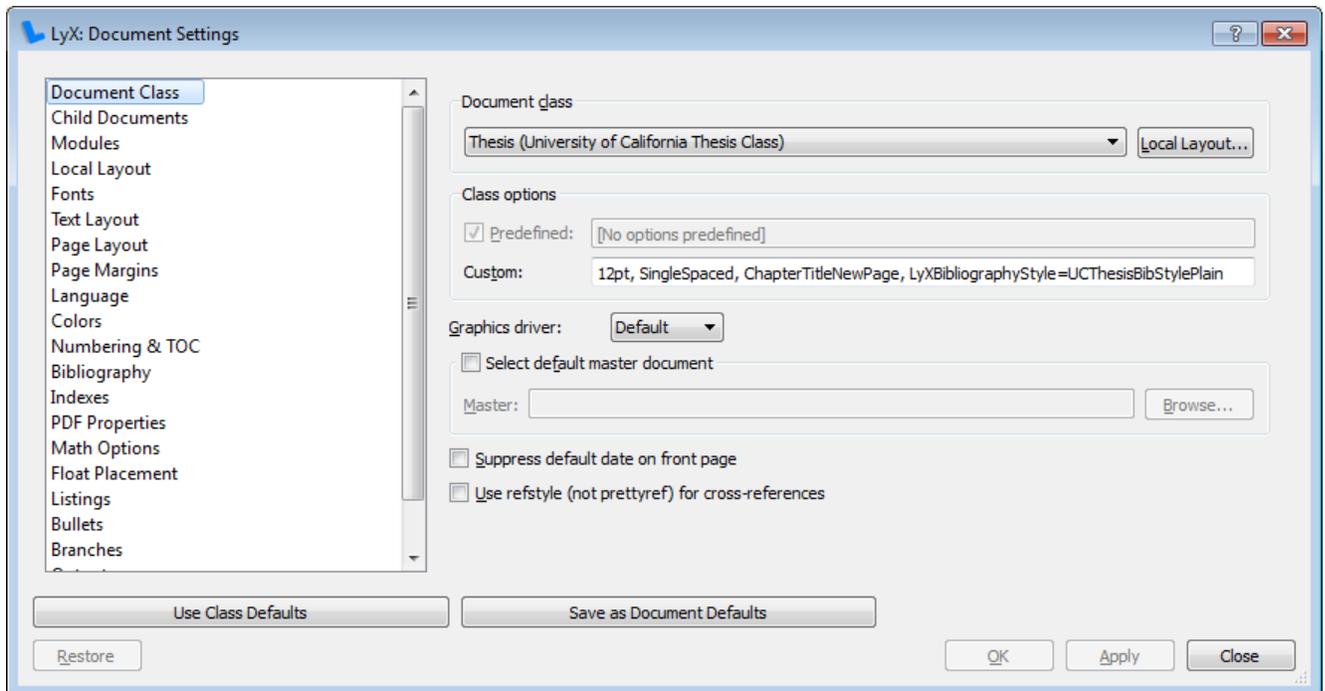
3. Chapter title: Chapter title appears on separate page from main text

(a) Available Options: *ChapterTitleNewPage* or *ChapterTitleSamePage*

4. Bibliography style: Set appearance of citations and presentation of references. The format for setting the style is `LyXBibliographyStyle=[BibliographyStyle]`

(a) Available Options: `[BibliographyStyle]` can be set to any bibliographic style (.bst) file installed on the system. The default is `UCThesisBibStylePlain`. The following options are available:

- i. `UCThesisBibStylePlain` - Included with UCThesisForLyx. References in bibliography are listed alphabetically.
- ii. `UCThesisBibStyleUnsrtd` - Included with UCThesisForLyx. References in bibliography are listed according to their order of appearance within the text.
- iii. Other bibliography styles, including *nature*, *apalike*, *amsalpha*, etc... are available if installed on your system.



6 Installation Support

Additional information can be found online at <http://wiki.lyx.org/Layouts/UCThesis> and <http://www.jdreyer.com/projects/LyX/>.

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