# LaTeX-Thesis Template: Workflow

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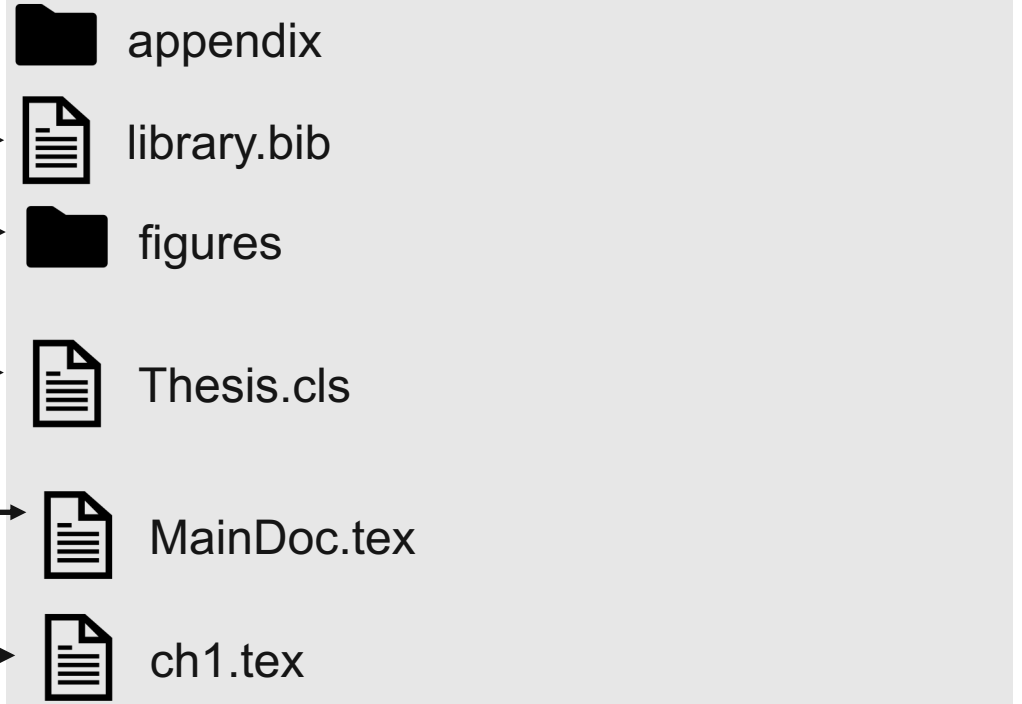
1. **Make a copy of the Template Project**
2. **Your reference library has to be exported into the library.bib**
3. **Figures are save in figures folder**
4. **This is the style file. Don’t change**
5. **This is the main doc**
6. **Add chapter tex files as needed**



# LaTeX-Thesis Template: Document Structure

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## MainDoc.tex

Main file. Connects all files together.

## 0-foreword.tex

- Title Page, Declaration Page, Quote
- Acknowledgements
- Abbreviations

## 1-abstract.tex

- Links inside the foreward.tex

## Chapters (ch1.tex etc)

- Add chapters
- Use sample chapter 1 to figure out syntax

## Appendix.tex

- appendix

## Library.bib

- Bibtex soure

**Note**: you need the Palatino and Charter font

# LaTeX-Thesis Template: Util Commands – Part 1

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## Citation

```
\citep[p.~13]{bibReference}     % Reference in brackets (page is optional):                    (Author, Year)
\citet[p.~1]{bibReference}      % Reference inside text and year in brackets (page is optional): Author (Year)
\footcite{bibReference}         % Reference in the footnote for URLs:                           Title. URL. Last Accessed.
```

## Quotes

```
\q{Text to quote goes here}     % Creates correct quoted text: ``Text to quote''
\begin{chapquote}{Quoted Person}% Creates a quote in front of a chapter
Write your quote here
\end{chapquote}
```

## Figures

```
                                % Inserts a figure with a caption and a label of the format:
fig:chapname:figname
                                Note: First parameter is the width of the figure in relation to \textwidth
\finsert[0.6]{filenameWithoutExtension}{Caption Text}{figname}   % Inserts the figure at the top of the current or next page.
\fhere[0.6]{filenameWithoutExtension}{Caption Text}{figname}     % Tries to insert the figure at the point of this command into the text.
```

## Table

```
                                % Inserts a table with a caption and a label of the format: tab:chapname:tablename
\fancytablestretch{1.5}         % Sets the stretching factors of rows. Has to be called before \begin{fancytable}
\fancytablelegend{Legendtext}   % Text that goes below the table but above the table caption. Has to be called before \begin{fancytable}
\begin{fancytable}{Column definition, e.g.: c c c}{Caption Text}{tablename}{Header, e.g.: \textbf{Header1} & \textbf{Header2}}
Table Content: Cell1 & Cell2 ...
\end{fancytable}
```

**Note:** If you have a table that spans over multiple pages, you can use these commands with a z-postfix: \fancytablestretchz, \fancytablelegendz, fancytablez. Add the {Caption Text} for the first occurrence and leave it blank {} for following occurrences.

# LaTeX-Thesis Template: Util Commands – Part 2

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## Labels

```
% These commands are shortcuts for creating unique labels
\chaplabel{chapname}                    % Creates a chapter label of the format: ch:chapname
\seclabel{secname}                      % Creates a section label of the format: sec:currentChapterName:secname
\alabel{appendname}                     % Creates an appendix label of the format: app: appendname
\aheader{AppendixA}{appendname}         % Creates an appendix section including an appendix label
```

## Referencing

```
% These commands are shortcuts for referencing unique labels
\chapref{chapname}                      % Generates: Chapter~\ref{ch:chapname}
\aref{appendname}                       % Generates: Appendix~\ref{app:appendname}
\secref[chapname]{secname}              % Generates: Section~\ref{sec:chapname:secname}       Note: chapname is the current chapter by default
\fref[chapname]{figname}{subfig}        % Generates: Figure~\ref{fig:chapname:figname}subfig  Note: chapname is the current chapter by default
\tref[chapname{tabname}                 % Generates: Table~\ref{tab:chapname:tabname}         Note: chapname is the current chapter by default
```

## PDF Comments (Todos)

```
% These commands create TODO comments for the PDF view if 'isDraft' is set to true.
\addref{reference to add}               % Adds '(ref)' to the text and highlights it with a comment 'Todo: add reference(s): reference to add'.
\todo{todo text}                        % A normal comment containing the todo text.
\addlater{todo text}                    % Adds '[...]' to the text and highlights it with a comment containing the todo text.
\changelater{content text}              % Highlights the content text and adds a comment containing 'Change later'.
\change{content text}{todo text}        % Adds the content text and adds a comment containing the todo text.
\revise{content text}{todo text}        % Strikes-out the content text and adds a comment containing the todo text.
```

By Benjamin Petry and Denys Matthies