

The fduthesis Class
 \LaTeX Thesis Template for Fudan University

Xiangdong Zeng

2019/03/17 v0.7c*



*<https://github.com/stone-zeng/fduthesis>.

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1 Introduction

fduthesis is a thesis template for Fudan University. This template is mostly written in \LaTeX 3 syntax, and provides a simple interface for users.

Getting started with \LaTeX

This documentation is *not* a \LaTeX tutorial at starter's level. If you are totally a newbie, please read some introductions like the famous `lshort`. Of course, there are countless \LaTeX tutorials on the Internet. You can choose whatever you like.

About this documentation

In this documentation, different typefaces are used to represent different contents. Packages and classes are shown in sans-serif font, e.g. `xeCJK` package and `fduthesis` class. Commands and file names are shown in monospaced font, e.g. `\fdusetup`, environment `abstract` and \TeX document `thesis.tex`. Italic-shaped font with angle brackets outside means arguments, e.g. *⟨English title⟩*. However, you do not need to type the brackets when using these commands. The example code has proper syntax highlighting so it will be much easier to read.

\LaTeX code lines will have a blue line on their left, while for command lines there will be a pink line. The options, commands and environments in `fduthesis` will be surrounded by two horizontal lines. Their usages and descriptions are provided at the same time.

The options, commands and environments in `fduthesis` can be divided into the following three types:

- Those can be only used in *Chinese templates* are indicated by 🇨🇳.
- Those can be only used in *English templates* are indicated by 🇺🇸.
- If they do not have special characters afterwards, then you can use them in both Chinese and English templates.

If you want to read the implementation part, please turn to the Chinese version. Any issues or feature requests can be submitted in the [GitHub repository](#).

2 Installation

2.1 Obtaining fduthesis

2.1.1 Standard installation

If there are no special reasons, it is always recommended to install `fduthesis` with a package manager. For example, the following command will install the package in \TeX Live (administrator permission may be required):

```
tlmgr install fduthesis
```

In \TeX Live and \MiKTeX , you can also install `fduthesis` through a graphical interface. It's rather simple and will not be described here.

2.1.2 Install manually

If you want to download the template from CTAN and install it manually, the recommended way is to use the TDS ZIP file:

- Download the [TDS ZIP file](#) for `fduthesis`;
- Copy all the files in `fduthesis.tds.zip` into the local TDS directory of \TeX distribution.
- Run `mktexlsr` to update the `ls-R` database.

Although not recommended, you may generate the whole template from source code as well:

- Open the project's [homepage](#), click "Clone or download" and choose "Download ZIP" to download `fduthesis-master.zip`. If you have git program on your computer, you can also clone the repository directly:

```
git clone https://github.com/stone-zeng/fduthesis.git
```

- Extract files, and get into the source directory. Run the following command to generate all the components:

```
xetex fduthesis.dtx
```

- Copy the generated document classes (`.cls`), packages (`.sty`) and configuration files (`.def`) into `texmf-local/tex/latex/fduthesis/` under the local TDS tree of \TeX distribution. Then run `mktexlsr` to update the `ls-R` database.
- When writing your thesis with `fduthesis`, you need to copy the file `fudan-name.pdf` (can be found in the `testfiles/support` directory of the Git repository) to your working directory, to make sure that the logo in the cover can be displayed correctly.

2.1.3 fduthesis on the fly

If you don't want to install `fduthesis` but need to use it at once, you can try the installation scripts. Download the repository from GitHub, run `install-win.bat` (on Windows) or `install-linux.sh` (on Linux), then all the necessary files will be found in the thesis folder.

2.2 Composition of the template

There are several parts in `fduthesis`, including kernel template classes, configuration files, affiliated packages and user's guides. More details are listed in table 1.

Table 1 The main components of `fduthesis`

Files	Descriptions
<code>fduthesis.cls</code>	Document class for Chinese thesis.
<code>fduthesis-en.cls</code>	Document class for English thesis.
<code>fduthesis.def</code>	Configuration parameters file for <code>fduthesis</code> . Please do <i>not</i> modify it.
<code>fdudoc.cls</code>	Document class for user guides.
<code>fdulogo.sty</code>	Fudan University's visual identity.
<code>fudan-emblem.pdf</code>	University emblem.
<code>fudan-emblem-new.pdf</code>	University emblem (revised version).
<code>fudan-name.pdf</code>	Figure of university name.
<code>README.md</code>	The brief introduction.
<code>fduthesis.pdf</code>	User's guide in Chinese.
<code>fduthesis-en.pdf</code>	User's guide in English (this document).
<code>fduthesis-code.pdf</code>	Code implementation.
<code>fduthesis-template.tex</code>	An empty thesis template, and you can write your thesis based on it.

3 User's guide

3.1 Getting started

Here is a minimal \TeX file for `fduthesis`:

```
% thesis.tex
\documentclass{fduthesis}
\begin{document}
  \chapter{欢迎}
  \section{Welcome to fduthesis!}
  你好, \LaTeX{}!
\end{document}
```

Compile this file under the instructions in subsection 3.2, you will get a 5-page article. Of course, most of it will be blank, as you may predicate.

The English version can be used in the same way:

```
% thesis-en.tex
\documentclass{fduthesis-en}
\begin{document}
  \chapter{Welcome}
  \section{Welcome to fduthesis!}
  Hello, \LaTeX{}!
\end{document}
```

The differences between English and Chinese version only live in the main body. Thesis cover, instructors list and declaration page are still printed in Chinese.

3.2 Compilation

fduthesis does NOT support pdf \TeX . Please use X \LaTeX or Lua \TeX to compile, and X \LaTeX is recommended. To get the correct table of contents, footnotes and cross-references, you need to compile the source file at least twice.

In the following example, suppose your \TeX source file is thesis.tex. Please execute the following commands if you want to use X \LaTeX :

```
xelatex thesis
xelatex thesis
```

You can use latexmk as well:

```
latexmk -xelatex thesis
```

Lua \TeX can be used in a similar way:

```
lualatex thesis
lualatex thesis
```

or

```
latexmk -lualatex thesis
```

3.3 Options of the template

You can specify some *template options* when loading fduthesis:

```
\documentclass[<options>]{fduthesis}
\documentclass[<options>]{fduthesis-en}
```

Some options are *boolean* — they only take the value true or false. For these options, you can abbreviate “<option> = true” simply to “<option>”.

type

type = doctor|master|bachelor

New: 2018-02-01

Choose the type of your thesis. The three options represent doctoral dissertation, master degree thesis and undergraduate thesis, respectively.

oneside
twoside

Specify whether single or double sided output should be generated. `twoside` will be chosen by default. These option will determine where the new chapters begin and how the headers display. The option `twoside` does *not* tell the printer to actually make a two-sided printout.

If choosing `twoside`, chapters will begin at the odd pages (right hand). However, they will begin at arbitrary pages available when choosing `oneside`. Table of contents, abstract and the list of symbols are considered as chapters and processed in the same way.

At two-sided mode, left headers on the even pages (left hand) in *main body* will show the title of chapters, while the right headers on the odd pages (right hand) will show the title of sections. Headers in *front matter* have the same style, but they will only show the title as “Contents”, “Abstract”, etc.

At one-sided mode, both left and right headers on *all* pages in main body will be shown. The text is the title of chapters and sections, respectively. In front matter, there are only middle headers, which show the corresponding titles.

draft

`draft = true|false`

Enable draft mode. Default off.

`draft` is a global option and will affect many packages. You may notice the following changes when using `draft`:

- Lines with overfull `\hbox`'s will be marked with a thick black square on the right margin.
- Will not include graphics files actually, but instead print a box of the size the graphic would take up, as well as the file name.
- Will not make hyperlinks and PDF bookmarks.
- Show the page frames.

config

`config = {<file>}`

New: 2018-01-31

File name of user profile. Default value is empty, so no profile is loaded automatically.

3.4 More options

\fdusetup

`\fdusetup{<key-value list>}`

`fduthesis` has provided a number of options, which can be given via the general command `\fdusetup`.

The argument of `\fdusetup` is a set of comma-separated option list. The options usually have the form of `<key> = <value>` and in some cases `<value>` can be omitted. For the same option, the values given later will override the the previous ones. Default values are indicated in **boldface** in the following descriptions.

`\fdusetup` follows \LaTeX 3 key-value style, and different types as well as various levels options are supported. In the key-value list, spaces around “=” will be trimmed; however, blank lines should never appear in the argument.

Similar with template options, “`<option> = true`” can be abbreviated to `<option>` for boolean type.

Some options, such as `style` and `info`, may have sub-options. They can be set by the following two equivalent methods:

```
\fdusetup{
  style = {cjk-font = adobe, font-size = -4},
  info  = {
    title      = {论动体的电动力学},
    title*     = {On the Electrodynamics of Moving Bodies},
    author     = {阿尔伯特·爱因斯坦},
```

```

author*   = {Albert Einstein},
department = {物理学系}
}
}

```

or

```

\fdsetup{
  style/cjk-font = adobe,
  style/font-size = -4,
  info/title     = {论动体的电动力学},
  info/title*    = {On the Electrodynamics of Moving Bodies},
  info/author    = {阿尔伯特·爱因斯坦},
  info/author*   = {Albert Einstein},
  info/department = {物理学系}
}

```

Note that you may *not* put spaces around “/”.

3.4.1 Style and format

style `style = {⟨key-value list⟩}`
 `style/⟨key⟩ = ⟨value⟩`

This general option is for setting the thesis style and format. See the following details.

style/font `font = garamond|libertinus|lm|palatino|times|times*|none`

Updated: 2019-03-05

Set fonts (including math fonts). The details can be found in table 2.

Table 2 Font configuration

	Roman	Sans-serif	Monospaced	Math
<code>garamond</code>	EB Garamond	Libertinus Sans	LM Mono ^a	Garamond Math
<code>libertinus</code>	Libertinus Serif	Libertinus Sans	LM Mono	Libertinus Math
<code>lm</code>	LM Roman	LM Sans	LM Mono	LM Math
<code>palatino</code>	TG Pagella ^b	Libertinus Sans	LM Mono	TG Pagella Math
<code>times</code>	XITS	TG Heros	TG Cursor	XITS Math
<code>times*^c</code>	Times New Roman	Arial	Courier New	XITS Math

^a “LM” is the abbreviation of Latin Modern.

^b “TG” is the abbreviation of TeX Gyre.

^c Here, Times New Roman, Arial and Courier New are commercial fonts. They are installed on Windows and macOS by default.

style/cjk-font `cjk-font = adobe|fandol|founder|mac|sinotype|sourcehan|windows|none`

Updated: 2019-03-05

Set CJK (Chinese, Japanese and Korean) fonts. The details can be found in table 3.

When you choose `font = none` or `cjk-font = none`, `fdthesis` will disable the default western/CJK font settings. You may use `\setmainfont`, `\setCJKmainfont` and `\setmathfont`, etc. to configure the fonts manually.

style/font-size `font-size = -4|5`

Specify the basic font size in your thesis.

Table 3 CJK font configuration

	Roman (song)	Sans-serif (hei)	Monospaced (fang)
adobe	Adobe Song Std	Adobe Heiti Std	Adobe Fangsong Std
fandol	FandolSong	FandolHei	FandolFang
founder	FZShuSong-Z01	FZHei-B01	FZFangSong-Z02
mac	Songti SC	Heiti SC	STFangsong
sinotype	STSong	STHeiti	STFangsong
sourcehan	Source Han Serif SC	Source Han Sans SC	—
windows	SimSun	SimHei	FangSong

style/fullwidth-stop

`fullwidth-stop = catcode|mapping|false`

Updated: 2017-10-14

Let full-width full stop “.” as the default full stop. Generally, this punctuation is used for scientific articles, where “。” is easily to be confused with subscript “_o” or “₀”.

If you choose `fullwidth-stop=catcode`, only *explicit* “。” will be replaced by “.”; when choosing `fullwidth-stop=mapping`, however, *all* the “。” will be replaced.

`mapping` is valid only under Xe_{La}TeX. When compiling with Lua_{La}TeX, it is equivalent to `catcode`.

If you want to display “。” temporarily after setting `fullwidth-stop=mapping`, the following code snippet will be helpful:

```
% Compiled with XeTeX
% The outside braces is used for group
这是一个句号{\CJKfontspec{<font name>}[Mapping=full-stop]。}
```

style/footnote-style

```
footnote-style = plain|
libertinus|libertinus*|libertinus-sans|
pifont|pifont*|pifont-sans|pifont-sans*|
xits|xits-sans|xits-sans*
```

Set the style of footnote numbers. Note that western fonts will affect its default value (see table 4), so you may put it after font option. The one with sans is for the corresponding sans-serif version, while * for white on black version.

Table 4 Relationship between option font and the default value of footnote-style

Western fonts settings	libertinus	lm	palatino	times
Default value of footnote number style	libertinus	pifont	pifont	xits

style/hyperlink

`hyperlink = border|color|none`

New: 2017-08-13

Set the style of hyperlinks. `border` draws borders around hyperlinks; `color` displays hyperlinks in colorful text; `none` leads to plain text, which is useful when printing the final document.

style/hyperlink-color

```
hyperlink-color = default|classic|elegant|fantasy|material|
business|science|summer|autumn|graylevel|prl
```

New: 2017-08-13

Updated: 2017-12-08

Set the color of hyperlinks. It is invalid if `hyperlink=none`. The related colors can be found in table 5.

style/bib-backend

`bib-backend = bibtex|biblatex`

New: 2018-01-25

Specify the backend or driver of bibliography processing. Bib_{La}TeX and natbib package will be used if you choose bibtex, while biber and biblatex will be used if you choose biblatex.

Table 5 Pre-defined hyperlink color schemes

Options	Cross references	URL	Citation
default	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
classic	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
elegant ^a	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
fantasy ^b	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
material ^c	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
business ^d	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
science ^e	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
summer ^f	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
autumn ^f	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
graylevel ^c	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)
prl ^g	Fig. 1-2, Eq. (3.4)	http://g.cn	Ref. [1], (Knuth 1986)

a From [TeX - LaTeX Stack Exchange](http://www.tex-latex.org).

b Adobe CC.

c Material Design color palette (See <https://material.io/guidelines/style/color.html>).

d Microsoft Office 2016.

e From [Wolfram Research website](http://www.wolfram.com).

f Solarized color palette (See <http://ethanschoonover.com/solarized>).

g *Physical Review Letter* magazine.

style/bib-style

`bib-style = author-year|numerical|<other style>`

New: 2017-10-28

Updated: 2018-01-25

Set the style of bibliography. `author-year` and `numerical` will follow the standard GB/T 7714-2015. By setting `bib-style=<other style>`, you can use other bibliography style (.bst file for `bib-backend=bibtex` and .bbx file for `bib-backend=biblatex`). Suffix is not needed.

style/cite-style

`cite-style = {<style>}`

New: 2018-01-25

Select citation style. Default value is empty, which means the citation style will follow your bibliography style (`author-year` or `numeric`). If you want change the citation style, the corresponding .cbx file must be available. This option is invalid when `bib-backend=bibtex`.

style/bib-resource

`bib-resource = {<bib file(s)>}`

New: 2018-01-25

Specify the bibliography database (usually in .bib format). If using more than one files, the file names should be separated with comma. When `bib-backend=biblatex`, you must type in the “.bib” suffix.

style/logo

`logo = {<file>}`

New: 2017-08-10

File name of the logo in thesis cover. Default value is `fudan-name.pdf`.

style/logo-size

`logo-size = {<width>}`
`logo-size = {<width>, <height>}`

New: 2017-08-10

Size of the logo. By default, only width is set to `0.5\textwidth`. To set height only, you can put an empty group “{}” at `<width>`.

style/auto-make-cover

`auto-make-cover = true|false`

New: 2017-07-06

Whether generate thesis cover, list of instructors (inside front cover) and declaration page (inside back cover) automatically. Entries in the cover can be specified also via `\fdusetup`, and you can find more details in subsection 3.4.2.

```
\makecoveri
\makecoverii
\makecoveriii
```

For generating thesis cover, list of instructors and declaration page manually. These commands cannot ensure the correct page numbers, hence you should always use the auto-generated thesis cover unless necessary.

3.4.2 Personal information

```
info info = {\key-value list}
info info/\key = \value
```

This general option is for entering your personal information. See the following details. Note that options with “*” are the corresponding English items.

```
info/degree
```

New: 2018-02-01
Updated: 2019-03-12

```
degree = academic|professional
```

Degree type. This option can only be used in master degree thesis.

```
info/title title = {\title in Chinese}
info/title* title* = {\title in English}
```

Title of your thesis. The line width is about 30 em by default, but you may break it with \\ manually.

```
info/author author = {\name in Chinese}
info/author* author* = {\name in English (or Pinyin)}
```

Author's name.

```
info/supervisor supervisor = {\name}
```

Supervisor's name.

```
info/departement department = {\name}
```

Name of the department.

```
info/major major = {\name}
```

Name of the major.

```
info/student-id student-id = {\number}
```

Author's student ID.

In Fudan University, student ID has 11 digits. The first two are the year of attendance; next one represents the student's type (1 for doctor, 2 for master and 3 for bachelor); the following five digits are major ID while the last three are serial number.

```
info/school-id school-id = {\number}
```

School ID. Default value is 10246 (school ID of Fudan University).

```
info/date date = {\date}
```

Finish date of your thesis. Default value is the compilation date (\today).

```
info/secret-level secret-level = none|i|ii|iii
```


New: 2017-07-04

Secret level. i, ii and iii means “秘密” (secret), “机密” (confidential) and “绝密” (top secret) respectively. none means your thesis is not secret-related and secret level and year will not be shown.

info/secret-year	<code>secret-year = {\year}</code>	
New: 2017-07-04		Secret year. It's recommended to use Chinese word as “五年” (5 years) here. This option is invalid if you have set <code>secret-level=none</code> .
info/instructors	<code>instructors = {\member 1, member 2, ...}</code>	Instructors' name. Each name should be separated with comma. To disambiguate, you may put text containing comma into a group “{...}”.
info/keywords	<code>keywords = {\keywords in Chinese}</code>	
info/keywords*	<code>keywords* = {\keywords in English}</code>	
		Keywords list. Each keyword should be separated with comma. To disambiguate, you may put text containing comma into a group “{...}”.
info/clc	<code>clc = {\classification codes}</code>	Chinese Library Classification (CLC).

3.5 Writing your thesis

3.5.1 Front matter

<code>\frontmatter</code>	Declare the beginning of front matter.
	Front matter contains table of contents, abstracts and notation list. The page numbers in front matter will be shown in lowercase Roman numerals, and will be counted separately with main matter.
<code>\tableofcontents</code>	Generate the table of contents (TOC). You need to compile the source file at least <i>twice</i> to get the correct TOC.
abstract	<pre>% fduthesis (Chinese thesis) % fduthesis-en (English thesis) \begin{abstract} \begin{abstract} <Chinese abstract> <English abstract> \end{abstract} \end{abstract}</pre>
abstract* 	<pre>% Only for fduthesis \begin{abstract*} <English abstract> \end{abstract*}</pre>

Abstract environment. In `fduthesis`, **abstract** and **abstract*** are used for Chinese and English abstract, respectively; while in `fduthesis-en`, there is no **abstract*** environment and you need to write the English abstract merely.

At the end of abstract (both Chinese and English, if available), keywords list and CLC number will be shown. They can be specified via command `\fdusetup` and you may refer to subsection 3.4.2 for more details.

notation	<pre>\begin{notation}[<column format>] <symbol 1> & <description> \\ <symbol 2> & <description> \\ : <symbol n> & <description> \end{notation}</pre>
----------	--

Notation list (or symbol list, nomenclature) environment. The optional argument `<column format>` is the same as in a standard \LaTeX table. The default value is “`lp{7.5cm}`”, which means auto-width for the first column and fix-width (7.5 cm) for the second; both columns will be left-aligned.

3.5.2 Main matter

`\mainmatter`

Declare the beginning of main matter.

As the name suggests, “main matter” is the main body of your thesis. When working on a big projects, it’s usually a good idea to split the source file into several parts. The page numbers in main matter are shown in arabic numerals.

`\footnote`

`\footnote{<text>}`

Updated: 2018-01-15

Insert a footnote. The style of footnote numbers can be set with option `style/footnotestyle`. See subsection 3.4.1 for more details.

`axiom`
`corollary`
`definition`
`example`
`lemma`
`proof`
`theorem`

`\begin{proof}[<subheading>]`
`<procedure of proof>`
`\end{proof}`

A series of pre-defined math environments.

A QED¹ symbol “■” will be added at the end of `proof` environment. You need to compile the source file *twice* as in subsection 3.2 in order to make the position of QED symbol correct.

`\newtheorem`

`\newtheorem[<options>]{<environment>}{<title>}`
`\newtheorem*[<options>]{<environment>}{<title>}`
`\begin{<environment>}[<subheading>]`
`<contents>`
`\end{<environment>}`

Updated: 2017-12-12

Declare new math environments (theorems). If you use `\newtheorem*`, then the theorem will not be numbered, and a QED symbol “■” will be added at the end of the environment. All the theorem environments defined by yourself can be used as the pre-defined ones.

Actually, the pre-defined math environments are just defined with `\newtheorem` and `\newtheorem*`:

```
\newtheorem*{proof}{proof}
\newtheorem{axiom}{axiom}
\newtheorem{corollary}{corollary}
...
```

Similar with `\fdusetup`, the optional argument `<options>` of `\newtheorem` is a key-value list as well. The available are described below. Note that you don’t need to type in the “theorem/” prefix.

`theorem/style`

`style = plain|margin|change|`
`break|marginbreak|changebreak`

The overall style of the theorem environment.

`theorem/header-font`

`header-font = {}`

Font of the theorem header. Default value is `\sffamily` and `\bfseries\upshape` for Chinese and English template, respectively.

`theorem/body-font`

`body-font = {}`

Font of the theorem body. Default value is `\fdu@kai` (楷体) and `\itshape` for Chinese and English template, respectively.

¹ Abbreviation of Latin phrase *quod erat demonstrandum*, means “what was to be demonstrated”.

theorem/qed	qed = {\symbol{}}
-------------	-------------------

Theorem end mark. For `\newtheorem`, default value is empty; for `\newtheorem*`, default value is `\ensuremath{\QED}` (i.e. “■”).

theorem/counter	counter = {\counter}
-----------------	----------------------

The theorem will be enumerated within `\counter`. For example, the default value is `chapter`, which means with each new `\chapter`, the enumeration begins again with 1. This option is invalid for `\newtheorem*`.

\caption	\caption{\caption}
	\caption[short caption]{long caption}

Insert the caption of figure or table. The optional argument `\short caption` will be shown in the list of figures/tables. In `\long caption`, you can write descriptions for several paragraphs, but `\short caption` and the single `\caption` will not allow multi-paragraph text (i.e. text containing `\par`) inside.

By convention, caption of a table is usually put *before* the table itself, while for figure it's the opposite. In addition, command `\caption` must be put inside float environments (e.g. **table** and **figure**).

3.5.3 Back matter

\backmatter	Declare the beginning of back matter.
-------------	---------------------------------------

Back matter contains bibliography, declaration page, etc.

\printbibliography	\printbibliography[options]
--------------------	-----------------------------

Updated: 2018-01-25

Print the bibliography. When `bib-backend=bibtex`, then `\options` is invalid and this command is equivalent to `\bibliography{\bib files}`, where `\bib files` should be specified with option `style/bib-resource` (see subsection 3.4.1). When `bib-backend=bibtex`, then `\printbibliography` is provided by `biblatex` and the available options can be found in its documentation.

4 Packages dependencies

Different compilation methods and options will result in a different packages dependency. Details are as follows:

- In any case, `fduthesis` will load the following packages *explicitly*:
 - `expl3`, `xparse`, `xtemplate` and `l3keys2e`, belong to `l3kernel` and `l3packages` bundles
 - `ctexbook`, belongs to `CTEX` bundle
 - `amsmath`, belongs to $\mathcal{M}\mathcal{S}$ - \LaTeX bundle
 - `unicode-math`
 - `geometry`
 - `fancyhdr`
 - `footmisc`
 - `ntheorem`
 - `graphicx`
 - `longtable`
 - `caption`
 - `xcolor`
 - `hyperref`

- When chosen `style/footnote-style=pifont`, package `pifont` will be loaded. It belongs to `psnfss` bundle.
- When chosen `style/bib-backend=bibtex`, package `natbib` will be loaded. Meanwhile, program `BIBTEX` will be required for compilation. The bibliography style is provided by `gbt7714`.
- When chosen `style/bib-backend=biblatex`, package `biblatex` will be loaded. Program `biber` will be required then. The bibliography style is provided by `biblatex-gb7714-2015`.

Only the packages loaded directly by `fduthesis` are listed here. If you need to know the dependencies of the packages themselves, please refer to the corresponding manuals.