

# The fithesis3 class for the typesetting of theses written at the Masaryk Univerzity in Brno

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## Abstract

This document details the design and the implementation of the fithesis3 document class. It contains technical information for anyone who wishes to extend the class with their locale or style files. Users who only wish to use the class are advised to consult the guides distributed along with the class, which only document the parts of the public API relevant to the given style files.

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## 1 Required classes and packages

The class loads the `rapport3` base class and the following packages:

- `keyval` – Adds support for parsing comma-delimited lists of key-value pairs.
- `etoolbox` – Adds support for expanding code after the preamble using the `\AtPreamble` hook.
- `ifxetex` – Used to detect the  $\text{\XeTeX}$  engine.
- `ifluatex` – Used to detect the  $\text{\LuaTeX}$  engine.
- `inputenc` – Used to enable the input UTF-8 encoding. This package does not get loaded under the  $\text{\XeTeX}$  and  $\text{\LuaTeX}$  engines.

The `hyperref` package is also conditionally loaded during the expansion of the `\thesis@load` macro (see Section 3.1). Other packages may be required by the style files (see Section 3.6) you are using.

```
1 \ProvidesClass{fithesis3}[\thesis@version]
2 \LoadClass[a4paper]{rapport3}
3 \RequirePackage{keyval}
4 \RequirePackage{etoolbox}
5 \RequirePackage{ifxetex}
6 \RequirePackage{ifluatex}
7 \ifxetex\else\ifluatex\else
8   \RequirePackage[utf8]{inputenc}
9 \fi\fi
```

## 2 Public API

### 2.1 Options

Any `[<options>]` passed to the class will be handed down to the loaded style files. The supported options are therefore documented in the subsections of Section 3.6 dedicated to the respective style files.

### 2.2 The `\thesissetup` macro

`\thesissetup` The main public macro is the `\thesissetup{<keyvals>}` command, where *keyvals* is a comma-delimited list of key-value pairs as defined by the `keyval` package. This macro needs to be included prior to the beginning of a  $\text{\LaTeX}$  document. When used, the *keyvals* are processed.

Note that the values passed to the `\thesissetup` public macro may only contain one paragraph of text. If you wish to set multiple paragraphs of text as the value, you need to use the `\thesislong` public macro (see Section 2.3).

```

10 \def\thesissetup#1{%
11   \setkeys{thesis}{#1}}

```

### 2.2.1 The basepath key

`\thesis@basepath` The `{\basepath=path}` pair sets the *path* containing the class files. The *path* is prepended to every other path (`\thesis@logopath`, `\thesis@stylepath` and `\thesis@localepath`) used by the class. If non-empty, the *path* gets normalized to *path/*. The normalized *path* is stored within the private `\thesis@basepath` macro, whose implicit value is `fithesis3/`.

```

12 \def\thesis@basepath{fithesis3/}
13 \define@key{thesis}{basepath}{%
14   \ifx\thesis@empty#1\thesis@empty%
15     \def\thesis@basepath{%
16       \else%
17       \def\thesis@basepath{#1/}%
18     \fi}

```

### `\thesis@logopath` 2.2.2 The logopath key

The `{\logopath=path}` pair sets the *path* containing the logo files, which is used by the style files loading the logo. The *path* is normalized using the private `\thesis@subdir` macro and stored within the private `\thesis@logopath` macro, whose implicit value is `\thesis@basepath` followed by `logo/\thesis@university/`. By default, this expands to `fithesis3/logo/mu/`.

```

19 \def\thesis@logopath{\thesis@basepath logo/\thesis@university/}
20 \define@key{thesis}{logopath}{%
21   \def\thesis@logopath{\thesis@subdir#1%
22     \empty\empty\empty\empty}}

```

`\thesis@subdir` The `\thesis@subdir` private macro returns `/` unchanged, coerces `..`, `...`, `/path`, `./path` and `../path` to `./`, `../`, `/path/`, `./path/` and `../path/`, respectively, and coerces any other *path* into `\thesis@basepath path/`.

```

23 \def\thesis@subdir#1#2#3#4\empty{%
24   \ifx#1\empty%           <empty> -> <basepath>
25     \thesis@basepath
26   \else
27     \if#1/%
28       \ifx#2\empty%       / -> /
29       /%
30       \else%              /<path> -> /<path>/
31       #1#2#3#4/%
32     \fi
33   \else%
34     \if#1.%
35       \ifx#2\empty%       . -> ./
36       ./%

```

```

37         \else
38         \if#2.%
39         \ifx#3\empty%      .. -> ../
40         ../%
41         \else
42         \if#3/%      ../<path> -> ../<path>/
43         ../#4/%
44         \else
45         \thesis@basepath#1#2#3#4/%
46         \fi
47         \fi
48         \else
49         \if#2/%      ../<path> -> ../<path>/
50         ../#3#4/%
51         \else
52         \thesis@basepath#1#2#3#4/%
53         \fi
54         \fi
55         \fi
56         \else
57         \thesis@basepath#1#2#3#4/%
58         \fi
59         \fi%
60     \fi}

```

### `\thesis@stylepath` 2.2.3 The `stylepath` key

The `{\stylepath=path}` pair sets the *path* containing the style files. The *path* is normalized using the private `\thesis@subdir` macro and stored within the private `\thesis@stylepath` macro, whose implicit value is `\thesis@basepath style/`. By default, this expands to `fithesis3/style/`.

```

61 \def\thesis@stylepath{\thesis@basepath style/}
62 \define@key{thesis}{stylepath}{%
63   \def\thesis@stylepath{\thesis@subdir#1%
64     \empty\empty\empty\empty}}

```

### `\thesis@localepath` 2.2.4 The `localepath` key

The `{\localepath=path}` pair sets the *path* containing the locale files. The *path* is normalized using the private `\thesis@subdir` macro and stored within the private `\thesis@localepath` macro, whose implicit value is `\thesis@basepath followed by locale/`. By default, this expands to `fithesis3/locale/`.

```

65 \def\thesis@localepath{\thesis@basepath locale/}
66 \define@key{thesis}{localepath}{%
67   \def\thesis@localepath{\thesis@subdir#1%
68     \empty\empty\empty\empty}}

```

`\thesis@def` The `\thesis@def[<key>]{<name>}` private macro defines the private `\thesis@name` macro to expand to either `«key»`, if specified, or to `«name»`. The macro serves to provide the placeholder string for user-defined macros with no default value.

```
69 \newcommand{\thesis@def}[2][\%
70 \expandafter\def\csname thesis@#2\endcsname{%
71 <<\ifx\thesis@empty#1\thesis@empty#2\else#1\fi>>}}
```

## `\thesis@declaration` 2.2.5 The declaration key

The `{(declaration=text)}` pair sets the declaration *text* to be included into the document. `\thesis@basepath` followed by *path*. The *text* is stored within the private `\thesis@declaration` macro, whose implicit value is `\thesis@{declaration}`.

```
72 \def\thesis@declaration{\thesis@{declaration}}
73 \long\def\KV@thesis@declaration#1{%
74 \long\def\thesis@declaration{#1}}
```

## `\ifthesis@woman` 2.2.6 The gender key

The `{(gender=char)}` pair sets the author's gender to either a male, if *char* is the character *m*, or to a female. The gender can be tested using the `\ifthesis@woman ... \else ... \fi` conditional. The implicit gender is male.

```
75 \newif\ifthesis@woman\thesis@womanfalse
76 \define@key{thesis}{gender}{%
77 \def\thesis@male{m}%
78 \def\thesis@arg{#1}%
79 \ifx\thesis@male\thesis@arg%
80 \thesis@womanfalse%
81 \else%
82 \thesis@womantrue%
83 \fi}
```

## `\thesis@author` 2.2.7 The author key

The `{(author=name)}` pair sets the author's full name to *name*. The *name* is parsed using the private macro and stored within the following private macros:

- `\thesis@author` • `\thesis@author` – The full name of the author.
- `\thesis@author@head` • `\thesis@author@head` – The first space-delimited part of the name. This corresponds to the author's first name.
- `\thesis@author@tail` • `\thesis@author@tail` – The full name without the first space-delimited part of the name. This corresponds to the author's surname.

```

84 \def\thesis@parseAuthor#1{%
85   \def\thesis@author{#1}%
86   \def\thesis@author@head{\expandafter\expandafter\expandafter%
87     \@gobble\thesis@head#1 \relax}%
88   \def\thesis@author@tail{\thesis@tail#1 \relax}}
89 \thesis@def{author}%
90 \thesis@def[author]{author@head}%
91 \thesis@def[author]{author@tail}%
92 \define@key{thesis}{author}{%
93   \thesis@parseAuthor{#1}}

```

### \thesis@id 2.2.8 The id key

The  $\{\langle id=identifier \rangle\}$  pair sets the identifier of the thesis author to *identifier*. This usually corresponds to a unique identifier of the author within the information system of the given university.

```

94 \thesis@def{id}
95 \define@key{thesis}{id}{%
96   \def\thesis@id{#1}}

```

### \thesis@type 2.2.9 The type key

The  $\{\langle type=type \rangle\}$  pair sets the type of the thesis to *type*. The following types of theses are recognized:

The thesis type	The value of <i>type</i>
Bachelor's thesis	bc
Master's thesis	mgr
Doctoral thesis	d
Rigorous thesis	r

The *type* is stored within the private `\thesis@type` macro, whose implicit value is `bc`. For the ease of testing of the thesis type via `\ifx` conditions within style and locale files, the `\thesis@bachelors`, `\thesis@masters`, `\thesis@doctoral` and `\thesis@rigorous` macros containing the corresponding *type* values are available as a part of the private API.

```

\thesis@bachelors
\thesis@masters
\thesis@doctoral
\thesis@rigorous
97 \def\thesis@bachelors{bc}
98 \def\thesis@masters{mgr}
99 \def\thesis@doctoral{d}
100 \def\thesis@rigorous{r}
101 \let\thesis@type\thesis@bachelors
102 \define@key{thesis}{type}{%
103   \def\thesis@type{#1}}

```



`\thesis@university` **2.2.10 The university key**

The `{\university=id}` pair sets the identifier of the university, at which the thesis is being written, to *id*. The *id* is stored within the private `\thesis@university` macro, whose implicit value is `mu`. The `\thesis@university` macro is used by the `\thesis@logopath` macro and when loading the style and locale files using the `\thesis@load` macro. It allows for the usage of the class at universities other than the Masaryk University in Brno without the need to alter the code.

```
104 \def\thesis@university{mu}
105 \define@key{thesis}{university}{%
106   \def\thesis@university{#1}}
```

`\thesis@faculty` **2.2.11 The faculty key**

The `{\faculty=domain}` pair sets the faculty, at which the thesis is being written, to *domain*. The following *domain* names are recognized:

The Faculty	The <i>domain</i> name
The Faculty of Informatics	fi
The Faculty of Science	sci
The Faculty of Law	law
The Faculty of Economics and Administration	econ
The Faculty of Social Studies	fss
The Faculty of Medicine	med
The Faculty of Education	ped
The Faculty of Arts	phil
The Faculty of Sports Studies	fsps

The *domain* name is stored within the private `\thesis@faculty` macro, whose implicit value is `fi`.

```
107 \def\thesis@faculty{fi}
108 \define@key{thesis}{faculty}{%
109   \def\thesis@faculty{#1}}
```

`\thesis@department` **2.2.12 The department key**

The `{\department=name}` pair sets the name of the department, at which the thesis is being written, to *name*. The *name* is stored within the private `\thesis@department` macro.

```
110 \thesis@def{department}
111 \define@key{thesis}{department}{%
112   \def\thesis@department{#1}}
```

`\thesis@departmentEn` **2.2.13 The departmentEn key**

The `{\departmentEn=name}` pair sets the English name of the department, at which the thesis is being written, to *name*. The *name* is stored within the private `\thesis@departmentEn` macro.

```
113 \thesis@def{departmentEn}
114 \define@key{thesis}{departmentEn}{%
115   \def\thesis@departmentEn{#1}}
```

`\thesis@programme` **2.2.14 The programme key**

The `{\programme=name}` pair sets the name of the author's study programme to *name*. The *name* is stored within the private `\thesis@programme` macro.

```
116 \thesis@def{programme}
117 \define@key{thesis}{programme}{%
118   \def\thesis@programme{#1}}
```

`\thesis@programmeEn` **2.2.15 The programmeEn key**

The `{\programmeEn=name}` pair sets the English name of the author's study programme to *name*. The *name* is stored within the private `\thesis@programmeEn` macro.

```
119 \thesis@def{programmeEn}
120 \define@key{thesis}{programmeEn}{%
121   \def\thesis@programmeEn{#1}}
```

`\thesis@field` **2.2.16 The field key**

The `{\field=name}` pair sets the name of the author's field of study to *name*. The *name* is stored within the private `\thesis@field` macro.

```
122 \thesis@def{field}
123 \define@key{thesis}{field}{%
124   \def\thesis@field{#1}}
```

`\thesis@fieldEn` **2.2.17 The fieldEn key**

The `{\fieldEn=name}` pair sets the English name of the author's field of study to *name*. The *name* is stored within the private `\thesis@fieldEn` macro.

```
125 \thesis@def{fieldEn}
126 \define@key{thesis}{fieldEn}{%
127   \def\thesis@fieldEn{#1}}
```

#### `\thesis@universityLogo` 2.2.18 The `universityLogo` key

The `{\universityLogo=filename}` pair sets the filename of the logo file to be used to *filename*. The *filename* is stored within the private `\thesis@universityLogo` macro, whose implicit value is `base`. The logo file is loaded from the `\thesis@logopath` `\thesis@logo` path.

```
128 \def\thesis@universityLogo{base}
129 \define@key{thesis}{universityLogo}{%
130   \def\thesis@universityLogo{#1}}
```

#### `\thesis@facultyLogo` 2.2.19 The `facultyLogo` key

The `{\facultyLogo=filename}` pair sets the filename of the logo file to be used to *filename*. The *filename* is stored within the private `\thesis@facultyLogo` macro, whose implicit value is `\thesis@faculty`. The logo file is loaded from the `\thesis@logopath` `\thesis@logo` path.

```
131 \def\thesis@facultyLogo{\thesis@faculty}
132 \define@key{thesis}{facultyLogo}{%
133   \def\thesis@facultyLogo{#1}}
```

#### `\thesis@style` 2.2.20 The `style` key

The `{\style=filename}` pair sets the filename of the style file to be used to *filename*. The *filename* is stored within the private `\thesis@style` macro, whose implicit value is `\thesis@university/fithesis3-\thesis@faculty`. The style file is loaded from the `\thesis@stylepath` `\thesis@style` path.

```
134 \def\thesis@style{\thesis@university/fithesis3-\thesis@faculty}
135 \define@key{thesis}{style}{%
136   \def\thesis@style{#1}}
```

#### `\thesis@style@inheritance` 2.2.21 The `styleInheritance` key

The `{\styleInheritance=bool}` pair either enables, if *bool* is true or unspecified, or disables the inheritance for style files. The effects of the inheritance are documented within the subsection documenting the `\thesis@load` macro. The setting can be tested using the `\ifthesis@style@inheritance ... \else ... \fi` conditional. Inheritance is enabled for style files by default.

```
137 \newif\ifthesis@style@inheritance\thesis@style@inheritancetrue
138 \define@key{thesis}{styleInheritance}[true]{%
139   \def\@true{true}%
140   \def\@arg{#1}%
141   \ifx\@true\@arg%
142     \thesis@style@inheritancetrue%
143   \else%
144     \thesis@style@inheritancefalse%
145   \fi}
```

### `\thesis@locale` 2.2.22 The locale key

The `{\locale=filename}` pair sets the filename of the locale file(s) to be used to *filename*. The *filename* is stored within the private `\thesis@locale` macro, whose implicit value is the main language of either the `babel` or the `polyglossia` package, or `english`, when undefined. If the inheritance is disabled for locale files, the locale file is loaded from the `\thesis@localepath\thesis@locale` path.

```
146 \def\thesis@locale{%
147   % Babel detection
148   \ifx\language\undefined%
149     english\else\language\fi}
150 \define@key{thesis}{locale}{%
151   \def\thesis@locale{#1}}
```

`\ifthesis@english` The English locale is special. Several parts of the document will typically be typeset in both the current locale and English. However, if the current locale is English, this would result in duplicity. To avoid this, the `\ifthesis@english ... \else ... \fi` conditional is made available for testing, whether or not the current locale is English.

```
152 \def\ifthesis@english{
153   \expandafter\def\expandafter\@english\expandafter{\string%
154     \english}%
155   \expandafter\expandafter\expandafter\def\expandafter%
156     \expandafter\expandafter\@locale\expandafter\expandafter%
157     \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
158   \expandafter\csname\expandafter i\expandafter f\ifx\@locale%
159     \@english%
160     true%
161   \else%
162     false%
163   \fi\endcsname}
```

### `\thesis@locale@inheritance` 2.2.23 The localeInheritance key

The `{\localeInheritance=bool}` pair either enables, if *bool* is true or unspecified, or disables the inheritance. The effects of the inheritance are documented within the subsection documenting the `\thesis@load` macro. The setting can be tested using the `\ifthesis@locale@inheritance ... \else ... \fi` conditional. Inheritance is enabled for locale files by default.

```
164 \newif\ifthesis@locale@inheritance\thesis@locale@inheritancetrue
165 \define@key{thesis}{localeInheritance}[true]{%
166   \def\@true{true}%
167   \def\@arg{#1}%
168   \ifx\@true\@arg%
169     \thesis@locale@inheritancetrue%
170   \else%
171     \thesis@locale@inheritancefalse%
172   \fi}
```

### 2.2.24 The date key

The `{\date=date}` pair sets the date of the thesis defence to *date*, where *date* is a string in the YYYY/MM/DD format, where YYYY stands for full year, MM stands for month and DD stands for day. The *date* is parsed and stored using the `\thesis@parseDate` private macro within the following private macros:

<code>\thesis@parseDate</code>	
<code>\thesis@date</code>	• <code>\thesis@date</code> – The whole date
<code>\thesis@year</code>	• <code>\thesis@year</code> – The year
<code>\thesis@month</code>	• <code>\thesis@month</code> – The month
<code>\thesis@day</code>	• <code>\thesis@day</code> – The day of month
<code>\thesis@season</code>	• <code>\thesis@season</code> – Expands to either: <ul style="list-style-type: none"> <li>– winter if <math>MM &lt; 7</math>.</li> <li>– summer if <math>MM \geq 7</math>.</li> </ul>
<code>\thesis@academicYear</code>	• <code>\thesis@academicYear</code> – The academic year of the given semester: <ul style="list-style-type: none"> <li>– YYYY/YYYY+1 in case of a summer semester</li> <li>– YYYY–1/YYYY in case of a winter semester</li> </ul>

To set up the default values, the `\thesis@parseDate` macro is called with the fully expanded `\the\year/\the\month/\the\day` string.

```

173 \def\thesis@parseDate#1/#2/#3|{{
174   % Basic info
175   \gdef\thesis@date{#1/#2/#3}%
176   \gdef\thesis@year{#1}%
177   \gdef\thesis@month{#2}%
178   \gdef\thesis@day{#3}%
179
180   % Season and academic year
181   \newcount\@year \expandafter\@year \thesis@year \relax%
182   \newcount\@month \expandafter\@month \thesis@month \relax%
183   \ifnum\@month<7%
184     \gdef\thesis@season{winter}%
185     \advance\@year-1\edef\@yearA{\the\@year}%
186     \advance\@year 1\edef\@yearB{\the\@year}%
187   \else%
188     \gdef\thesis@season{summer}%
189     \edef\@yearA{\the\@year}%
190     \advance\@year 1\edef\@yearB{\the\@year}%
191   \fi%
192   \global\edef\thesis@academicYear{\@yearA/\@yearB}}
193
194 \edef\thesis@date{\the\year/\the\month/\the\day}%
195 \expandafter\thesis@parseDate\thesis@date|%
```

```

196
197 \define@key{thesis}{date}{{%
198   \edef\@date{#1}%
199   \expandafter\thesis@parseDate\@date|}}

```

#### `\thesis@place` 2.2.25 The `place` key

The `{\place=place}` pair sets the location of the faculty, at which the thesis is being prepared, to *place*. The *place* is stored within the private `\thesis@place` macro, whose implicit value is Brno.

```

200 \def\thesis@place{Brno}
201 \define@key{thesis}{place}{%
202   \def\thesis@place{#1}}

```

#### `\thesis@title` 2.2.26 The `title` key

The `{\title=title}` pair sets the title of the thesis to *title*. The *title* is stored within the private `\thesis@title` macro.

```

203 \thesis@def{title}
204 \define@key{thesis}{title}{%
205   \def\thesis@title{#1}}

```

#### `\thesis@TeXtitle` 2.2.27 The `TeXtitle` key

The `{\TeXtitle=title}` pair sets the  $\TeX$  title of the thesis to *title*. The *title* is used, when typesetting the title, whereas `\thesis@title` is a plain text, which gets included in the PDF header of the resulting document as well as in the Bib $\TeX$  file containing the bibliographical entry for the thesis. The *title* is stored within the private `\thesis@TeXtitle` macro, whose implicit value is `\thesis@title`.

```

206 \def\thesis@TeXtitle{\thesis@title}
207 \define@key{thesis}{TeXtitle}{%
208   \def\thesis@TeXtitle{#1}}

```

#### `\thesis@titleEn` 2.2.28 The `titleEn` key

The `{\titleEn=title}` pair sets the English title of the thesis to *title*. The *title* is stored within the private `\thesis@titleEn` macro.

```

209 \thesis@def{titleEn}
210 \define@key{thesis}{titleEn}{%
211   \def\thesis@titleEn{#1}}

```

`\thesis@TeXtitleEn` **2.2.29 The TeXtitleEn key**

The `{\TeXtitleEn=title}` pair sets the English  $\TeX$  title of the thesis to *title*. The *title* is used, when typesetting the title, whereas `\thesis@titleEn` is a plain text. The *title* is stored within the private `\thesis@TeXtitleEn` macro, whose implicit value is `\thesis@titleEn`.

```
212 \def\thesis@TeXtitleEn{\thesis@titleEn}
213 \define@key{thesis}{TeXtitleEn}{%
214   \def\thesis@TeXtitleEn{#1}}
```

`\thesis@keywords` **2.2.30 The keywords key**

The `{\keywords=list}` pair sets the keywords of the thesis to the comma-delimited *list*. The *list* is stored within the private `\thesis@keywords` macro.

```
215 \thesis@def{keywords}
216 \define@key{thesis}{keywords}{%
217   \def\thesis@keywords{#1}}
```

`\thesis@TeXkeywords` **2.2.31 The TeXkeywords key**

The `{\TeXkeywords=list}` pair sets the  $\TeX$  keywords of the thesis to the comma-delimited *list*. The *list* is used, when typesetting the keywords, whereas `\thesis@keywords` is a plain text. The *list* is stored within the private `\thesis@TeXkeywords` macro.

```
218 \def\thesis@TeXkeywords{\thesis@keywords}
219 \define@key{thesis}{TeXkeywords}{%
220   \def\thesis@TeXkeywords{#1}}
```

`\thesis@keywordsEn` **2.2.32 The keywordsEn key**

The `{\keywordsEn=list}` pair sets the English keywords of the thesis to the comma-delimited *list*. The *list* is stored within the private `\thesis@keywordsEn` macro.

```
221 \thesis@def{keywordsEn}
222 \define@key{thesis}{keywordsEn}{%
223   \def\thesis@keywordsEn{#1}}
```

`\thesis@TeXkeywordsEn` **2.2.33 The TeXkeywordsEn key**

The `{\TeXkeywordsEn=list}` pair sets the English  $\TeX$  keywords of the thesis to the comma-delimited *list*. The *list* is used, when typesetting the keywords, whereas `\thesis@keywordsEn` is a plain text. The *list* is stored within the private `\thesis@TeXkeywordsEn` macro.

```
224 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
225 \define@key{thesis}{TeXkeywordsEn}{%
226   \def\thesis@TeXkeywordsEn{#1}}
```

`\thesis@abstract` **2.2.34 The abstract key**

The `{\abstract=text}` pair sets the abstract of the thesis to *text*. The *text* is stored within the private `\thesis@abstract` macro.

```
227 \thesis@def{abstract}  
228 \long\def\KV@thesis@abstract#1{%  
229   \long\def\thesis@abstract{#1}}
```

`\thesis@abstractEn` **2.2.35 The abstractEn key**

The `{\abstractEn=text}` pair sets the English abstract of the thesis to *text*. The *text* is stored within the private `\thesis@abstractEn` macro.

```
230 \thesis@def{abstractEn}  
231 \long\def\KV@thesis@abstractEn#1{%  
232   \long\def\thesis@abstractEn{#1}}
```

`\thesis@advisor` **2.2.36 The advisor key**

The `{\advisor=name}` pair sets the thesis advisor's full name to *name*. The *name* is stored within the private `\thesis@advisor` macro.

```
233 \thesis@def{advisor}  
234 \define@key{thesis}{advisor}{\def\thesis@advisor{#1}}
```

`\thesis@thanks` **2.2.37 The thanks key**

The `{\thanks=text}` pair sets the acknowledgement text to *text*. The *text* is stored within the private `\thesis@thanks` macro.

```
235 \long\def\KV@thesis@thanks#1{%  
236   \long\def\thesis@thanks{#1}}
```

`\thesis@assignmentFiles` **2.2.38 The assignment key**

The `{\assignment=list}` pair sets the comma-separated list of paths (and optional page spec specifiers, see the `pdfpages` package `\includepdfmerge` command documentation) to the pdf files containing the thesis assignment to *list*. The *list* is stored within the `\thesis@assignmentFiles` private macro. When defined, the PDF files are injected into the resulting document instead of the placeholder `\thesis@@{assignment}` string.

```
237 \define@key{thesis}{assignment}{%  
238   \def\thesis@assignmentFiles{#1}}
```



### `\ifthesis@auto` 2.2.39 The `autoLayout` key

The `{\autoLayout=bool}` pair either enables, if *bool* is true or unspecified, or disables autolayout. Autolayout injects the `\thesis@preamble` and `\thesis@postamble` private macros at the beginning and the end of the document, respectively. The setting can be tested using the `\ifthesis@auto ... \else ... \fi` conditional. The autolayout is enabled by default.

```
239 \newif\ifthesis@auto\thesis@autotrue
240 \define@key{thesis}{autoLayout}[true]{%
241   \def\@true{true}%
242   \def\@arg{#1}%
243   \ifx\@true\@arg%
244     \thesis@autotrue%
245   \else%
246     \thesis@autofalse%
247   \fi}
```

`\thesis@preamble` The `\thesis@postamble` and `\thesis@preamble` private macros are defined as empty strings by default and are subject to redefinition by the style files.

```
248 \def\thesis@preamble{}
249 \def\thesis@postamble{}
```

## 2.3 The `\thesislong` macro

`\thesislong` The public macro `\thesislong{<key>}{<value>}`, where *value* may contain multiple paragraphs of text, can be used for the following *keys* as an alternative to the `\thesissetup` public macro, which only permits a single paragraph as the *value*:

- abstract
- abstractEn
- thanks
- declaration

```
250 \long\def\thesislong#1#2{%
251   \csname KV@thesis@#1\endcsname{#2}}
```

# 3 Private API

## 3.1 Main routine

`\thesis@load` The `\thesis@load` macro is responsible for preparing the environment for, and consequently loading, the necessary locale and style files. By default, the `\thesis@load` macro gets expanded at the end of the preamble, but it can be inserted manually prior to that, if necessary to prevent package clashes. The `\ifthesis@loaded` semaphore ensures that the expansion is only performed once.

```

252 \newif\ifthesis@loaded\thesis@loadedfalse
253 \AtEndPreamble{\thesis@load}
254 \def\thesis@load{%
255   \ifthesis@loaded\else%
256     \thesis@loadedtrue
257     \makeatletter%

```

First, the main locale file is loaded using the `\thesis@requireLocale` macro.

```

258     % Load the main locale file
259     \thesis@requireLocale{\thesis@locale}

```

Consequently, the style files are loaded with the class options passed onto them. If inheritance is enabled for style files, then each of the following files is loaded in sequence, if they exist:

1. `\thesis@stylepath fithesis3-base.sty`
2. `\thesis@stylepath\thesis@university/fithesis3-base.sty`
3. `\thesis@stylepath\thesis@style.sty`

If inheritance is disabled for style files, then only the `\thesis@stylepath\thesis@style.sty` file is loaded. The `fithesis3-` prefix serves to prevent package clashes with other similarly named package files within the  $\TeX$  directory structure.

```

260     \ifthesis@style@inheritance
261       \thesis@requireStyle{\thesis@stylepath fithesis3-base}
262       \thesis@requireStyle{\thesis@stylepath\thesis@university%
263         /fithesis3-base}
264     \fi
265     \thesis@requireStyle{\thesis@stylepath\thesis@style}

```

With the placeholder strings loaded from the locale files, we can now inject meta-data into the resulting PDF file. To this end, the `hyperref` package is conditionally included with the `unicode` option. Consequently, the following values are assigned to the PDF headers:

- Title is set to `\thesis@title`.
- Author is set to `\thesis@author`.
- Keywords is set to `\thesis@keywords`.
- Creator is set to `2015/05/09 v0.3.10 fithesis3 MU thesis class`.

```

266     \thesis@require{hyperref}%
267     {\hypersetup{unicode,
268       pdftitle={\thesis@title},%
269       pdfauthor={\thesis@author},%
270       pdfkeywords={\thesis@keywords},%
271       pdfcreator={\thesis@version},%
272     }}%

```

If autolayout is enabled, the `\thesis@preamble` and `\thesis@postamble` macros are scheduled for expansion at the beginning and at the end of the document, respectively.

```
273 \ifthesis@auto%
274 \AtBeginDocument{\thesis@preamble}%
275 \AtEndDocument{\thesis@postamble}%
276 \fi%
```

Lastly, a Bib<sub>T</sub><sub>E</sub>X file named `\jobname.bib` containing the bibliographical entry for the thesis is scheduled to be generated at the end of the document in the working directory using the `\thesis@bibgen` macro and the `\thesis@pages` private macro definition containing the length of the document is scheduled to be included in the auxiliary file.

```
277 \AtEndDocument{%
278 % Define \thesis@pages for the next run
279 \write\@auxout{\noexpand\gdef\noexpand%
280 \thesis@pages{\thepage}}%
281 \makeatother%
282 \fi}
```

### 3.2 File manipulation macros

`\thesis@exists` The `\thesis@exists{file}{tokens}` private macro is used to test for the existence of a given *file*. If the *file* exists, the macro expands to *tokens*. Otherwise, a class warning is written to the output.

```
283 \def\thesis@input#1{%
284 \thesis@exists{#1}{\input{#1}}}
```

`\thesis@input` The `\thesis@input{file}` private macro inputs the given *file*, if it exists.

```
285 \def\thesis@exists#1#2{%
286 \IfFileExists{#1}{#2}{%
287 \ClassWarning{fithesis3}{File #1 doesn't exist}}}
```

`\thesis@require` The `\thesis@require{package}` expands to `\RequirePackage{package}`, if the specified *package* has not yet been loaded. This generally serves to prevent options clashes, when the options with which the package had been loaded are of no consequence.

```
288 \def\thesis@require#1{%
289 \@ifpackageloaded{#1}{}{\RequirePackage{#1}}}
```

`\thesis@requireStyle` The `\thesis@requireStyle{package}` expands to `\RequirePackageWithOptions{package}`, if the specified *package* exists and has not yet been loaded. This generally serves to load style files.

```
290 \def\thesis@requireStyle#1{\thesis@exists{#1.sty}{%
291 \@ifpackageloaded{#1}{}{\RequirePackageWithOptions{#1}}}}
```

`\thesis@requireLocale` The `\thesis@requireLocale{locale}` private macro loads locale files of the specified *locale*, if they haven't been loaded before. If inheritance is enabled for locale files, then the following directories are used:

1. \thesis@localepath
2. \thesis@localepath\thesis@university/
3. \thesis@localepath\thesis@university/\thesis@faculty/

If inheritance is disabled for locale files, then only the \thesis@localepath directory is used. The macro can be used within both locale and style files, although the usage within locale files is strongly discouraged to prevent circular dependencies.

```

292 \def\thesis@requireLocale#1{%
293   % Prevent redundant entries
294   \expandafter\ifx\csname thesis@#1@required\endcsname\relax%
295     \expandafter\def\csname thesis@#1@required\endcsname{%
296       \thesis@input{\thesis@localepath#1.def}
297       \ifthesis@locale@inheritance%
298         \thesis@input{\thesis@localepath\thesis@university/#1.def}%
299         \thesis@input{\thesis@localepath\thesis@university/
300           \thesis@faculty/#1.def}%
301       \fi%
302     \fi}

```

### 3.3 String manipulation macros

\thesis@ The \thesis@{<name>} macro expands to \thesis@ name, where name gets fully expanded and can therefore contain active characters and command sequences.

```

303 \def\thesis@#1{\csname thesis@#1\endcsname}

```

\thesis@@ The \thesis@@{<name>} macro expands to \thesis@ locale@name, where locale corresponds to the name of the current locale. name gets fully expanded and can therefore contain active characters and command sequences.

```

304 \def\thesis@@#1{\thesis@{\thesis@locale @#1}}

```

\thesis@lower The \thesis@lower and \thesis@upper private macros are used for upper- and lowercasing within locale files. To cast the \thesis@name macro to the lower- or uppercase, \thesis@lower{name} or \thesis@upper{name} would be used, respectively. name gets fully expanded and can therefore contain active characters and command sequences.

```

305 \def\thesis@lower#1{{%
306   \let\ea\expandafter%
307   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\lowercase\ea\ea\ea
308   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
309   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
310   sis@#1\endcsname\endcsname}}}
311 \def\thesis@upper#1{{%
312   \let\ea\expandafter%
313   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\uppercase\ea\ea\ea
314   \ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea\ea
315   \ea\ea\ea\ea\ea\ea\@gobble\ea\ea\ea\string\ea\csname\csname the%
316   sis@#1\endcsname\endcsname}}}

```

`\thesis@@lower`    The `\thesis@@lower` and `\thesis@@upper` private macros are used for upper- and lowercasing current *locale* strings within style files. To cast the `\thesis@locale@name` macro to the lower- or uppercase, `\thesis@@lower{name}` or `\thesis@@upper{name}` would be used, respectively. *name* gets fully expanded and can therefore contain active characters and command sequences.

```
317 \def\thesis@@lower#1{\thesis@lower{\thesis@locale @#1}}
318 \def\thesis@@upper#1{\thesis@upper{\thesis@locale @#1}}
```

`\thesis@head`    The `\thesis@head` and `\thesis@tail` private macros are used for retrieving a head or a tail of space-separated token sequences, which end with `\relax`.

```
\thesis@tail
319 \def\thesis@head#1 #2{%
320   \ifx\relax#2%
321     \expandafter\@gobbletwo%
322   \else%
323     \ #1%
324   \fi%
325   \thesis@head#2}%
326 \def\thesis@tail#1 #2{%
327   \ifx\relax#2%
328     #1%
329     \expandafter\@gobbletwo%
330   \fi%
331   \thesis@tail#2}%
```

### 3.4 General purpose macros

`\thesis@pages`    The `\thesis@pages` macro is defined at the beginning of the second L<sup>A</sup>T<sub>E</sub>X run as a part of the main routine (see Section 3.1). During the first run, the macro expands to ??.

```
332 \ifx\thesis@pages\undefined\def\thesis@pages{??}\fi
```

`\thesis@includegraphics`    The `\thesis@includegraphics[⟨options⟩]{⟨path⟩}` macro has the same syntax and semantics as the L<sup>A</sup>T<sub>E</sub>X `\includegraphics` command, but unlike `\includegraphics`, it expands UTF-8 paths without them being mangled by the `inputenc` package.

```
333 \newcommand{\thesis@includegraphics}[2][{}]{%
334   % Temporarily disable UTF-8 mangling
335   \def\UTFviii@two@octets##1##2{%
336     \string##1\string##2}%
337   \def\UTFviii@three@octets##1##2##3{%
338     \string##1\string##2\string##3}%
339   \def\UTFviii@four@octets##1##2##3##4{%
340     \string##1\string##2\string##3\string##4}%
341   % Expand the path
342   \edef\@argument{#2}%
343   % Include the graphics
344   \includegraphics[#1]{\@argument}}
```

## 3.5 Locale files

Locale files contain macro definitions for various locales. They live in the locale/ subtree and they are loaded during the main routine (see Section 3.1).

\file When creating a new locale file, it is advisable to create one self-contained dtx file, which is then partitioned into locale files via the docstrip tool based on the respective ins file. A macro \file{*filename*} is available for the sectioning the documentation of various files within the dtx file. *filename*. For more information about dtx files and the docstrip tool, consult the dtxut, docstrip, doc and ltxdoc manuals.

### 3.5.1 Interface

The union of locale files named *locale.def*, where *locale* is the result of the expansion of \thesis@locale, loaded via main routine's inheritance scheme (see Section 3.1) needs to define the following private macros:

- \thesis@locale@universityName – The name of the university
- \thesis@locale@facultyName – The name of the faculty
- \thesis@locale@assignment – Instructions to replace the current page with the official thesis assignment
- \thesis@locale@declaration – The declaration text
- \thesis@locale@fieldTitle – The title of the field of study entry
- \thesis@locale@advisorTitle – The title of the advisor
- \thesis@locale@authorTitle – The title of the author
- \thesis@locale@abstractTitle – The title of the abstract section
- \thesis@locale@keywordsTitle – The title of the keywords section
- \thesis@locale@thanksTitle – The title of the acknowledgement section
- \thesis@locale@declarationTitle – The title of the declaration section
- \thesis@locale@idTitle – The title of the thesis author's identifier field
- \thesis@locale@winter – The name of the winter semester
- \thesis@locale@summer – The name of the summer semester
- \thesis@locale@semester – The full name of the current semester
- \thesis@locale@typeName – The name of the thesis type

## 3.5.2 English locale files

### 3.5.2.1 The locale/english.def file

This is the base file of the English locale. It defines all the private macros mandated by the locale file interface.

```
345 \ProvidesFile{fithesis3/locale/english.def}[2015/04/18]
346
347 % Placeholders
348 \def\thesis@english@universityName{University name}
349 \def\thesis@english@facultyName{Faculty name}
350 \def\thesis@english@assignment{Replace this page with a copy
351   of the official signed thesis assignment.}
352 \def\thesis@english@declaration{Declaration text ...}
353
354 % Miscellaneous
355 \def\thesis@english@fieldTitle{Field of study}
356 \def\thesis@english@advisorTitle{Advisor}
357 \def\thesis@english@authorTitle{Author}
358 \def\thesis@english@abstractTitle{Abstract}
359 \def\thesis@english@keywordsTitle{Keywords}
360 \def\thesis@english@thanksTitle{Acknowledgement}
361 \def\thesis@english@declarationTitle{Declaration}
362 \def\thesis@english@idTitle{ID}
363 \def\thesis@english@winter{Spring}
364 \def\thesis@english@summer{Fall}
365 \def\thesis@english@semester{%
366   \thesis@{english@\thesis@season} \thesis@year}
367 \def\thesis@english@typeName{%
368   \ifx\thesis@type\thesis@bachelors%
369     Bachelor's Thesis%
370   \else\ifx\thesis@type\thesis@masters%
371     Master's Thesis%
372   \else\ifx\thesis@type\thesis@doctoral%
373     Doctoral Thesis%
374   \else\ifx\thesis@type\thesis@rigorous%
375     Rigorous Thesis%
376   \else%
377     <<Unknown thesis type (\thesis@type)>>%
378   \fi\fi\fi\fi}
```

### 3.5.2.2 The locale/mu/english.def file

This is the English locale file specific to the Masaryk University in Brno. It replaces the universityName placeholder with the correct value and defines the declaration and idTitle strings.

```
379 \ProvidesFile{fithesis3/locale/mu/english.def}[2015/04/18]
380 \def\thesis@english@universityName{Masaryk University}
381 \def\thesis@english@declaration{%
382   Hereby I declare that this paper is my original authorial work,
```

```

383 which I have worked out by my own. All sources, references and
384 literature used or excerpted during elaboration of this work are
385 properly cited and listed in complete reference to the due source.}
386
387 % Miscellaneous
388 \def\thesis@english@idTitle{UČO}

```

### 3.5.2.3 The locale/mu/law/english.def file

This is the English locale file specific to the Faculty of Law at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and defines the `facultyLongName` required by the `\thesis@blocks@cover` and the `\thesis@blocks@titlePage` blocks.

```

389 \ProvidesFile{fithesis3/locale/mu/law/english.def}[2015/04/18]
390 \def\thesis@english@facultyName{The Faculty of Law}
391 \def\thesis@english@facultyLongName{The Faculty of Law of the
392 Masaryk University}

```

### 3.5.2.4 The locale/mu/fsps/english.def file

This is the English locale file specific to the Faculty of Sports Studies at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value.

```

393 \ProvidesFile{fithesis3/locale/mu/fsps/english.def}[2015/04/18]
394
395 % Placeholders
396 \def\thesis@english@facultyName{Faculty of Sports Studies}
397
398 % Miscellaneous
399 \def\thesis@english@fieldTitle{Specialization}

```

### 3.5.2.5 The locale/mu/fss/english.def file

This is the English locale file specific to the Faculty of Social Studies at the Masaryk University in Brno. It replaces the `facultyName` string with the correct value.

```

400 \ProvidesFile{fithesis3/locale/mu/fss/english.def}[2015/04/18]
401
402 % Placeholders
403 \def\thesis@english@facultyName{Faculty of Social Studies}
404 \def\thesis@english@assignment{Replace this page with a copy
405 of the official signed thesis assignment or the copy of the
406 Statement of an Author or both, depending on the requirements of
407 the respective department.}

```

### 3.5.2.6 The locale/mu/econ/english.def file

This is the English locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value.



```

408 \ProvidesFile{fithesis3/locale/mu/econ/english.def}[2015/04/18]
409 \def\thesis@english@facultyName{Faculty of Economics
410   and Administration}

```

### 3.5.2.7 The locale/mu/med/english.def file

This is the English locale file specific to the Faculty of Medicine at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and redefines the `abstractTitle` string with the common usage at the faculty. The file also defines the `bib@title` and `bib@pages` strings required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis3-med.sty` style file.

```

411 \ProvidesFile{fithesis3/locale/mu/med/english.def}[2015/04/18]
412
413 % Miscellaneous
414 \def\thesis@english@abstractTitle{Annotation}
415
416 % Placeholders
417 \def\thesis@english@facultyName{Faculty of Medicine}
418
419 % Bibliographic entry
420 \def\thesis@english@bib@title{Bibliographic record}
421 \def\thesis@english@bib@pages{p}

```

### 3.5.2.8 The locale/mu/fi/english.def file

This is the English locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and updates the string in accordance with the requirements of the faculty. The file also defines the `advisorSignature` string required by the `\thesis@blocks@titlePage` block defined within the `style/mu/fithesis3-fi.sty` style file.

```

422 \ProvidesFile{fithesis3/locale/mu/fi/english.def}[2015/04/26]
423
424 % Placeholders
425 \def\thesis@english@facultyName{Faculty of Informatics}
426 \def\thesis@english@assignment{Replace this page with a copy
427   of the official signed thesis assignment and the copy of the
428   Statement of an Author.}
429
430 % Others
431 \def\thesis@english@advisorSignature{Signature of Thesis
432   \thesis@english@advisorTitle}

```

### 3.5.2.9 The locale/mu/phil/english.def file

This is the English locale file specific to the Faculty of Arts at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value.

```

433 \ProvidesFile{fithesis3/locale/mu/phil/english.def}[2015/04/18]

```

```
434 \def\thesis@english@facultyName{Faculty of Arts}
```

### 3.5.2.10 The locale/mu/ped/english.def file

This is the Slovak locale file specific to the Faculty of Education at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value. The file also defines the `bib@title` and `bib@pages` strings required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis3-ped.sty` style file.

```
435 \ProvidesFile{fithesis3/locale/mu/ped/english.def}[2015/04/26]
436
437 % Placeholders
438 \def\thesis@english@facultyName{Faculty of Education}
439
440 % Bibliographic entry
441 \def\thesis@english@bib@title{Bibliographic record}
442 \def\thesis@english@bib@pages{p}
```

### 3.5.2.11 The locale/mu/sci/english.def file

This is the English locale file specific to the Faculty of Science at the Masaryk University in Brno. It defines the private macros required by the `\thesis@blocks@bibEntryEn` block defined within the `style/mu/fithesis3-sci.sty` style file. It also replaces the `facultyName` placeholder with the correct value and redefines the `advisorTitle` string in accordance with the formal requirements of the faculty.

```
443 \ProvidesFile{fithesis3/locale/mu/sci/english.def}[2015/04/18]
444
445 % Placeholders
446 \def\thesis@english@facultyName{Faculty of Science}
447
448 % Miscellaneous
449 \let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
450
451 % Bibliographic entry
452 \def\thesis@english@bib@title{Bibliographic entry}
453 \let\thesis@english@bib@author\thesis@english@authorTitle
454 \def\thesis@english@bib@thesisTitle{Title of Thesis}
455 \def\thesis@english@bib@programme{Degree Programme}
456 \let\thesis@english@bib@field\thesis@english@fieldTitle
457 \def\thesis@english@bib@advisor{Supervisor}
458 \def\thesis@english@bib@academicYear{Academic Year}
459 \def\thesis@english@bib@pages{Number of Pages}
460 \let\thesis@english@bib@keywords\thesis@english@keywordsTitle
```

## 3.5.3 Czech locale files

### 3.5.3.1 The locale/czech.def file

This is the base file of the Czech locale. It defines all the private macros mandated by the locale file interface.

\thesis@czech@gender@koncovka The locale file also defines the \thesis@czech@gender@koncovka macro, which expands to the correct verb ending based on the value of the \thesis@ifwoman macro and the \thesis@typeName@akuzativ containing the accusative case of the thesis type name.

```
461 \ProvidesFile{fithesis3/locale/czech.def}[2015/04/18]
462
463 % Pomocná makra
464 \def\thesis@czech@gender@koncovka{%
465   \ifthesis@woman a\fi}
466
467 % Zástupné texty
468 \def\thesis@czech@universityName{Název univerzity}
469 \def\thesis@czech@facultyName{Název fakulty}
470 \def\thesis@czech@assignment{Místo tohoto listu vložte kopii
471   oficiálního podepsaného zadání práce.}
472 \def\thesis@czech@declaration{Text prohlášení ...}
473
474 % Různé
475 \def\thesis@czech@fieldTitle{Obor}
476 \def\thesis@czech@advisorTitle{Vedoucí práce}
477 \def\thesis@czech@authorTitle{Autor}
478 \def\thesis@czech@abstractTitle{Shrnutí}
479 \def\thesis@czech@keywordsTitle{Klíčová slova}
480 \def\thesis@czech@thanksTitle{Poděkování}
481 \def\thesis@czech@declarationTitle{Prohlášení}
482 \def\thesis@czech@idTitle{ID}
483 \def\thesis@czech@winter{Jaro}
484 \def\thesis@czech@summer{Podzim}
485 \def\thesis@czech@semester{%
486   \thesis@{czech@\thesis@season} \thesis@year}
487 \def\thesis@czech@typeName{%
488   \ifx\thesis@type\thesis@bachelors%
489     Bakalářská práce%
490   \else\ifx\thesis@type\thesis@masters%
491     Diplomová práce%
492   \else\ifx\thesis@type\thesis@doctoral%
493     Disertační práce%
494   \else\ifx\thesis@type\thesis@rigorous%
495     Rigorózní práce%
496   \else%
497     <<Neznámý typ práce (\thesis@type)>>%
498   \fi\fi\fi\fi}
499 \def\thesis@czech@typeName@akuzativ{%
500   \ifx\thesis@type\thesis@bachelors%
501     Bakalářskou práci%
502   \else\ifx\thesis@type\thesis@masters%
503     Diplomovou práci%
504   \else\ifx\thesis@type\thesis@doctoral%
505     Disertační práci%
```

```

506 \else\ifx\thesis@type\thesis@rigorous%
507     Rigorózní práci%
508 \else%
509     <<Neznámý typ práce (\thesis@type)>>%
510 \fi\fi\fi\fi}

```

### 3.5.3.2 The locale/mu/czech.def file

This is the Czech locale file specific to the Masaryk University in Brno. It replaces the `universityName` placeholder with the correct value and defines the `declaration` and `idTitle` strings.

```

511 \ProvidesFile{fithesis3/locale/mu/czech.def}[2015/04/26]
512
513 % Zástupné texty
514 \def\thesis@czech@universityName{Masarykova Univerzita}
515 \def\thesis@czech@declaration{Prohlašuji, že jsem
516 \thesis@lower{czech@typeName@akuzativ} zpracoval%
517 \thesis@czech@gender@koncovka\ samostatně a
518 použil\thesis@czech@gender@koncovka\ jen prameny
519 uvedené~v seznamu literatury.}
520
521 % Různé
522 \def\thesis@czech@idTitle{UČO}

```

### 3.5.3.3 The locale/mu/law/czech.def file

This is the Czech locale file specific to the Faculty of Law at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value, defines the `facultyLongName` required by the `\thesis@blocks@cover` and the `\thesis@blocks@titlePage` blocks and replaces the `abstractTitle` string in accordance with the requirements of the faculty.

```

523 \ProvidesFile{fithesis3/locale/mu/law/czech.def}[2015/04/26]
524
525 % Různé
526 \def\thesis@czech@abstractTitle{Abstrakt}
527
528 % Zástupné texty
529 \def\thesis@czech@facultyName{Právnická fakulta}
530 \def\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
531 univerzity}

```

### 3.5.3.4 The locale/mu/fsps/czech.def file

This is the Czech locale file specific to the Faculty of Sports Studies at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and the `fieldTitle` string in accordance with the common usage at the faculty.

```

532 \ProvidesFile{fithesis3/locale/mu/fsps/czech.def}[2015/04/27]
533
534 % Zástupné texty

```

```

535 \def\thesis@czech@facultyName{Fakulta sportovních studií}
536
537 % Různé
538 \def\thesis@czech@fieldTitle{Specializace}

```

### 3.5.3.5 The locale/mu/fss/czech.def file

This is the Czech locale file specific to the Faculty of Social Studies at the Masaryk University in Brno. It replaces the facultyName string with the correct value.

```

539 \ProvidesFile{fithesis3/locale/mu/fss/czech.def}[2015/04/26]
540
541 % Zástupné texty
542 \def\thesis@czech@facultyName{Fakulta sociálních studií}
543 \def\thesis@czech@assignment{Místo tohoto listu
544 vlozte kopie oficiálního podepsaného zadání práce nebo
545 prohlášení autora školního díla nebo obojí~v závislosti na
546 požadavcích příslušné katedry.}
547

```

### 3.5.3.6 The locale/mu/econ/czech.def file

This is the Czech locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value.

```

548 \ProvidesFile{fithesis3/locale/mu/econ/czech.def}[2015/04/18]
549 \def\thesis@czech@facultyName{Ekonomicko-správní fakulta}

```

### 3.5.3.7 The locale/mu/med/czech.def file

This is the Czech locale file specific to the Faculty of Medicine at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and redefines the abstractTitle string in accordance with the common usage at the faculty. The file also defines the bib@title and bib@pages strings required by the \thesis@blocks@bibEntry block defined within the style/mu/fithesis3-med.sty style file.

```

550 \ProvidesFile{fithesis3/locale/mu/med/czech.def}[2015/04/26]
551
552 % Různé
553 \def\thesis@czech@abstractTitle{Anotace}
554
555 % Zástupné texty
556 \def\thesis@czech@facultyName{Lékařská fakulta}
557
558 % Bibliografický záznam
559 \def\thesis@czech@bib@title{Bibliografický záznam}
560 \def\thesis@czech@bib@pages{str}

```

### 3.5.3.8 The locale/mu/fi/czech.def file

This is the Czech locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and updates the declaration string in accordance with the requirements of the faculty. The file also defines the `advisorSignature` string required by the `\thesis@blocks@titlePage` block defined within the `style/mu/fi/thesis3-fi.sty` style file.

```
561 \ProvidesFile{fithesis3/locale/mu/fi/czech.def}[2015/04/18]
562
563 % Zástupné texty
564 \def\thesis@czech@facultyName{Fakulta informatiky}
565 \def\thesis@czech@assignment{Misto tohoto listu
566 vlozte kopie oficiálního podepsaného zadání práce a
567 prohlášení autora školního díla.}
568 \def\thesis@czech@declaration{%
569 Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
570 původním autorským dílem, které jsem vypracoval%
571 \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
572 prameny a literaturu, které jsem při vypracování
573 používal\thesis@czech@gender@koncovka\ nebo z~nich
574 čerpal\thesis@czech@gender@koncovka, v~práci řádně cituji
575 s~uvedením úplného odkazu na příslušný zdroj.}
576
577 % Ostatní
578 \def\thesis@czech@advisorSignature{Podpis vedoucího}
```

### 3.5.3.9 The locale/mu/phil/czech.def file

This is the Czech locale file specific to the Faculty of Arts at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value. It also defines the declaration string and redefines the `typeName` and `typeName@akuzativ` strings in accordance with the requirements of the faculty.

```
579 \ProvidesFile{fithesis3/locale/mu/phil/czech.def}[2015/04/26]
580
581 % Zástupné texty
582 \def\thesis@czech@facultyName{Filozofická fakulta}
583 \def\thesis@czech@declaration{%
584 Prohlašuji, že jsem \thesis@@lower{typeName@akuzativ}
585 vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
586 uvedených literatur.}
587
588 % Ostatní
589 \def\thesis@czech@typeName{%
590 \ifx\thesis@type\thesis@bachelors%
591 Bakalářská diplomová práce%
592 \else\ifx\thesis@type\thesis@masters%
593 Magisterská diplomová práce%
594 \else\ifx\thesis@type\thesis@doctoral%
```

```

595     Disertační práce%
596 \else%
597     <<Neznámý typ práce (\thesis@type)>>%
598 \fi\fi\fi}
599 \def\thesis@czech@typeName@akuzativ{%
600 \ifx\thesis@type\thesis@bachelors%
601     Diplomovou práci%
602 \else\ifx\thesis@type\thesis@masters%
603     Diplomovou práci%
604 \else\ifx\thesis@type\thesis@doctoral%
605     Disertační práci%
606 \else%
607     <<Neznámý typ práce (\thesis@type)>>%
608 \fi\fi\fi}

```

### 3.5.3.10 The locale/mu/ped/czech.def file

This is the Czech locale file specific to the Faculty of Education at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value. The file also defines the `bib@title` and `bib@pages` strings required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis3-ped.sty` style file.

```

609 \ProvidesFile{fithesis3/locale/mu/ped/czech.def}[2015/04/26]
610
611 % Zástupné texty
612 \def\thesis@czech@facultyName{Pedagogická fakulta}
613
614 % Bibliografický záznam
615 \def\thesis@czech@bib@title{Bibliografický záznam}
616 \def\thesis@czech@bib@pages{str}

```

### 3.5.3.11 The locale/mu/sci/czech.def file

This is the Czech locale file specific to the Faculty of Science at the Masaryk University in Brno. It defines the private macros required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis3-sci.sty` style file. It also replaces the `facultyName` placeholder with the correct value and redefines the `abstractTitle` and `declaration` strings in accordance with the formal requirements of the faculty.

```

617 \ProvidesFile{fithesis3/locale/mu/sci/czech.def}[2015/04/18]
618
619 % Zástupné texty
620 \def\thesis@czech@facultyName{Přírodovědecká fakulta}
621
622 % Ostatní
623 \def\thesis@czech@abstractTitle{Abstrakt}
624 \def\thesis@czech@declaration{%
625     Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
626     akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%

```

```

627  statně s~využitím informačních zdrojů, které jsou v~práci
628  citovány.}
629
630 % Bibliografický záznam
631 \def\thesis@czech@bib@title{Bibliografický záznam}
632 \let\thesis@czech@bib@author\thesis@czech@authorTitle
633 \def\thesis@czech@bib@thesisTitle{Název práce}
634 \def\thesis@czech@bib@programme{Studijní program}
635 \let\thesis@czech@bib@field\thesis@czech@fieldTitle
636 \let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
637 \def\thesis@czech@bib@academicYear{Akademický rok}
638 \def\thesis@czech@bib@pages{Počet stran}
639 \let\thesis@czech@bib@keywords\thesis@czech@keywordsTitle

```

### 3.5.4 Slovak locale files

#### 3.5.4.1 The locale/slovak.def file

This is the base file of the Slovak locale. It defines all the private macros mandated by the locale file interface.

\thesis@slovak@gender@koncovka The locale file defines the \thesis@slovak@gender@koncovka macro, which expands to the correct verb ending based on the value of the \thesis@ifwoman macro.

```

640 \ProvidesFile{fithesis3/locale/slovak.def}[2015/04/18]
641
642 % Pomocná makrá
643 \def\thesis@slovak@gender@koncovka{%
644   \ifthesis@woman a\fi}
645
646 % Zástupné texty
647 \def\thesis@slovak@universityName{Názov univerzity}
648 \def\thesis@slovak@facultyName{Názov fakulty}
649 \def\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
650   oficiálneho podpísaného zadania práce.}
651 \def\thesis@slovak@declaration{Text prehlásenie ...}
652
653 % Rôzne
654 \def\thesis@slovak@fieldTitle{Odbor}
655 \def\thesis@slovak@advisorTitle{Vedúci práce}
656 \def\thesis@slovak@authorTitle{Autor}
657 \def\thesis@slovak@abstractTitle{Zhrnutie}
658 \def\thesis@slovak@keywordsTitle{Kľúčové slová}
659 \def\thesis@slovak@thanksTitle{Poďakovanie}
660 \def\thesis@slovak@declarationTitle{Prehlásenie}
661 \def\thesis@slovak@idTitle{ID}
662 \def\thesis@slovak@winter{Jar}
663 \def\thesis@slovak@summer{Jeseň}
664 \def\thesis@slovak@semester{%

```



```

665 \thesis@{slovak@\thesis@season} \thesis@year}
666 \def\thesis@slovak@typeName{%
667 \ifx\thesis@type\thesis@bachelors%
668   Bakalárska práca%
669 \else\ifx\thesis@type\thesis@masters%
670   Diplomová práca%
671 \else\ifx\thesis@type\thesis@doctoral%
672   Dizertačná práca%
673 \else\ifx\thesis@type\thesis@rigorous%
674   Rigorózna práca%
675 \else%
676   <<Neznámy typ práce (\thesis@type)>>%
677 \fi\fi\fi\fi}
678 \def\thesis@slovak@typeName@akuzativ{%
679 \ifx\thesis@type\thesis@bachelors%
680   Bakalársku prácu%
681 \else\ifx\thesis@type\thesis@masters%
682   Diplomovú prácu%
683 \else\ifx\thesis@type\thesis@doctoral%
684   Dizertačnú prácu%
685 \else\ifx\thesis@type\thesis@rigorous%
686   Rigoróznú prácu%
687 \else%
688   <<Neznámy typ práce (\thesis@type)>>%
689 \fi\fi\fi\fi}

```

### 3.5.4.2 The locale/mu/slovak.def file

This is the Slovak locale file specific to the Masaryk University in Brno. It replaces the `universityName` placeholder with the correct value and defines the declaration and `idTitle` strings.

```

690 \ProvidesFile{fithesis3/locale/mu/slovak.def}[2015/04/26]
691
692 % Zástupné texty
693 \def\thesis@slovak@universityName{Masarykova Univerzita}
694 \def\thesis@slovak@declaration{%
695   Prehlašujem, že som predloženú \thesis@lower{%
696     slovak@typeName@akuzativ} vypracoval%
697   \thesis@slovak@gender@koncovka\ samostatne len s~použitím
698   uvedenej literatúry a prameňov.}
699
700 % Rôzne
701 \def\thesis@slovak@idTitle{UČO}

```

### 3.5.4.3 The locale/mu/law/slovak.def file

This is the Slovak locale file specific to the Faculty of Law at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value, defines the `facultyLongName` required by the `\thesis@blocks@cover` and the

\thesis@blocks@titlePage blocks and replaces the abstractTitle string in accordance with the requirements of the faculty.

```
702 \ProvidesFile{fithesis3/locale/mu/law/slovak.def}[2015/04/26]
703
704 % Rôzne
705 \def\thesis@slovak@abstractTitle{Abstrakt}
706
707 % Zástupné texty
708 \def\thesis@slovak@facultyName{Právnická fakulta}
709 \def\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
710 univerzity}
```

#### 3.5.4.4 The locale/mu/fsps/slovak.def file

This is the Slovak locale file specific to the Faculty of Sports Studies at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value and the fieldTitle string in accordance with the common usage at the faculty.

```
711 \ProvidesFile{fithesis3/locale/mu/fsps/slovak.def}[2015/04/18]
712
713 % Zástupné texty
714 \def\thesis@slovak@facultyName{Fakulta športových štúdií}
715
716 % Rôzne
717 \def\thesis@slovak@fieldTitle{Špecializácie}
```

#### 3.5.4.5 The locale/mu/fss/slovak.def file

This is the Slovak locale file specific to the Faculty of Social Studies at the Masaryk University in Brno. It replaces the facultyName string with the correct value.

```
718 \ProvidesFile{fithesis3/locale/mu/fss/slovak.def}[2015/04/26]
719
720 % Zástupné texty
721 \def\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
722 \def\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
723 oficiálneho podpísaného zadania práce alebo prehlásenie autora
724 školského diela alebo obidve v závislosti na požiadavkách
725 príslušnej katedry.}
```

#### 3.5.4.6 The locale/mu/econ/slovak.def file

This is the Slovak locale file specific to the Faculty of Economics and Administration at the Masaryk University in Brno. It replaces the facultyName placeholder with the correct value.

```
726 \ProvidesFile{fithesis3/locale/mu/econ/slovak.def}[2015/04/18]
727 \def\thesis@slovak@facultyName{Ekonomicko-správna fakulta}
```

#### 3.5.4.7 The locale/mu/med/slovak.def file

This is the Slovak locale file specific to the Faculty of Medicine at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and redefines the `abstractTitle` string in accordance with the common usage at the faculty. The file also defines the `bib@title` and `bib@pages` strings required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis3-med.sty` style file.

```
728 \ProvidesFile{fithesis3/locale/mu/med/slovak.def}[2015/04/26]
729
730 % Rôzne
731 \def\thesis@slovak@abstractTitle{Anotácie}
732
733 % Zástupné texty
734 \def\thesis@slovak@facultyName{Lekárska fakulta}
735
736 % Bibliografický zoznam
737 \def\thesis@slovak@bib@title{Bibliografický záznam}
738 \def\thesis@slovak@bib@pages{str}
```

#### 3.5.4.8 The locale/mu/fi/slovak.def file

This is the Slovak locale file specific to the Faculty of Informatics at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value and updates the declaration string in accordance with the requirements of the faculty. The file also defines the `advisorSignature` string required by the `\thesis@blocks@titlePage` block defined within the `style/mu/fithesis3-fi.sty` style file.

```
739 \ProvidesFile{fithesis3/locale/mu/fi/slovak.def}[2015/04/18]
740
741 % Zástupné texty
742 \def\thesis@slovak@facultyName{Fakulta informatiky}
743 \def\thesis@slovak@assignment{Namiesto tejto stránky vložte kópiu
744 oficiálneho podpísaného zadania práce a prehlásenie autora
745 školského diela.}
746 \def\thesis@slovak@declaration{%
747 Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
748 pôvodným autorským dielom, ktoré som vypracoval%
749 \thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
750 pramene a literatúru, ktoré som pri vypracovaní
751 používal\thesis@slovak@gender@koncovka\ alebo z~nich
752 čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
753 s~uvedením úplného odkazu na príslušný zdroj.}
754
755 % Rôzne
756 \def\thesis@slovak@advisorSignature{Podpis vedúceho}
```

#### 3.5.4.9 The locale/mu/phil/slovak.def file

This is the Slovak locale file specific to the Faculty of Arts at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value. It also defines the declaration string and redefines the `typeName` and `typeName@akuzativ` strings in accordance with the requirements of the faculty.

```
757 \ProvidesFile{fithesis3/locale/mu/phil/slovak.def}[2015/04/26]
758
759 % Zástupné texty
760 \def\thesis@slovak@facultyName{Filozofická fakulta}
761 \def\thesis@slovak@declaration{%
762   Prehlašujem, že som predloženú \thesis@lower{%
763     slovak@typeName@akuzativ} vypracoval%
764     \thesis@slovak@gender@koncovka\ samostatne na
765     základe vlastných zistení a len s~použitím
766     uvedenej literatúry a prameňov.}
767
768 % Rôzne
769 \def\thesis@slovak@typeName{%
770   \ifx\thesis@type\thesis@bachelors%
771     Bakalárska diplomová práca%
772   \else\ifx\thesis@type\thesis@masters%
773     Magisterská diplomová práca%
774   \else\ifx\thesis@type\thesis@doctoral%
775     Dizertačná práca%
776   \else%
777     <<Neznámy typ práce (\thesis@type)>>%
778   \fi\fi\fi}
779 \def\thesis@slovak@typeName@akuzativ{%
780   \ifx\thesis@type\thesis@bachelors%
781     Diplomovú prácu%
782   \else\ifx\thesis@type\thesis@masters%
783     Diplomovú prácu%
784   \else\ifx\thesis@type\thesis@doctoral%
785     Dizertačnú prácu%
786   \else%
787     <<Neznámy typ práce (\thesis@type)>>%
788   \fi\fi\fi}
```

#### 3.5.4.10 The locale/mu/ped/slovak.def file

This is the Slovak locale file specific to the Faculty of Education at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value. The file also defines the `bib@title` and `bib@pages` strings required by the `\thesis@blocks@bibEntry` block defined within the `style/mu/fithesis3-ped.sty` style file.

```
789 \ProvidesFile{fithesis3/locale/mu/ped/slovak.def}[2015/04/18]
790
791 % Zástupné texty
```

```

792 \def\thesis@slovak@facultyName{Pedagogická fakulta}
793
794 % Bibliografický zoznam
795 \def\thesis@slovak@bib@title{Bibliografický záznam}
796 \def\thesis@slovak@bib@pages{str}

```

### 3.5.4.11 The locale/mu/sci/slovak.def file

This is the Slovak locale file specific to the Faculty of Science at the Masaryk University in Brno. It replaces the `facultyName` placeholder with the correct value.

```

797 \ProvidesFile{fithesis3/locale/mu/sci/slovak.def}[2015/04/18]
798
799 % Zástupné texty
800 \def\thesis@slovak@facultyName{Přirodovedecká fakulta}

```

## 3.6 Style files

Style files define the structure and the look of the resulting document. They live in the `style/` subtree and they are loaded during the main routine (see Section 3.1).

When creating a new style file, it is advisable to create one self-contained `dtx` file, which can contain several files to be extracted via the `docstrip` tool based on the respective `ins` file. A macro `\file{<filename>}` is available for sectioning the documentation of various files within the `dtx` file. For more information about `dtx` files and the `docstrip` tool, consult the `dtxtut`, `docstrip`, `doc` and `ltxdoc` manuals.

### 3.6.1 Interface

The union of style files loaded via main routine's inheritance scheme (see Section 3.1) should define at least one of the following private macros:

- |                                |  |
|--------------------------------|--|
| <code>\thesis@preamble</code>  | • <code>\thesis@preamble</code> – If autolayout is enabled, then this macro is expanded at the very beginning of the document. |
| <code>\thesis@postamble</code> | • <code>\thesis@postamble</code> – If autolayout is enabled, then this macro is expanded at the very end of the document.      |

### 3.6.2 Base style files

#### 3.6.2.1 The style/fithesis3-base.sty file

If inheritance is enabled for style files, then this file is always the first style file to be loaded, regardless of the value of the `\thesis@style` macro. This style file is currently a dummy file.

```

801 \NeedsTeXFormat{LaTeX2e}
802 \ProvidesPackage{fithesis3/style/fithesis3-base}[2015/04/08]

```

### 3.6.2.2 The style/mu/fithesis3-base.sty file

This is the base style file for theses written at the Masaryk University in Brno. If inheritance is enabled for style files, then this file is always the second style file to be loaded right after style/base.sty, regardless of the value of the \thesis@style macro.

```
803 \ProvidesPackage{fithesis3/style/mu/fithesis3-base}[2015/04/12]
804 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

- 10pt, 11pt, 12pt – Sets the type size to 10, 11 or 12 points respectively, along with the page geometry. The default type size is 12 points.
- oneside, twoside – The document is going to be single- or double-sided. In a double-sided document headers, page numbering, margin notes and several other elements are rearranged based on the parity of the page. Blank pages are optionally inserted prior the beginning of the next chapter to ensure that it starts on an left-hand (even-numbered) page.

\ifthesis@twoside@

The \ifthesis@twoside@ conditional is set to either false or true, respectively. This value can be tested in the subsequently loaded style files.

- onecolumn, twocolumn – The document is going to be set in a single column or in two columns, respectively.
- draft, final – Overfull lines are or aren't marked within the document, respectively.

\ifthesis@palatino@

- palatino, nopalatino – The default roman and math font family is going to be either set to Palatino or left untouched, respectively. The \ifthesis@palatino@ conditional is set to either true or false, respectively. This value can be tested in the subsequently loaded style files.

The Palatino font is a part of the visual identity of the Faculty of Informatics, at which the document class was created.

\ifthesis@color@

- color, monochrome – Certain typographical elements either are or aren't going to be typeset in color, respectively. The \ifthesis@color@ conditional is set to either true or false, respectively. This value can be tested in the subsequently loaded style files.

\ifthesis@newtable@

- table, oldtable – If the \ifthesis@color@ conditional is true, then the definition of the tabular and tabularx commands either are or aren't going to be altered to better match the style, respectively. The \ifthesis@newtable@ conditional is set to either true or false, respectively.

The choice of the name is deliberate – the redefinition of the table environments depends on the xcolor package, which needs to be loaded with the table option. Since so many other packages depend on the xcolor package and this style file is loaded at the very end of the preamble, there would

either be a great chance of an option clash, or the option would have to be passed to the xcolor package before the preamble from the body of the fitthesis3 class thus breaking the encapsulation. Naming the option table forces the option to be processed by the xcolor package as well and it is therefore an elegant solution to the problem at hand.

- `\thesis@blocks@tables` • `lot, nolot` – `\listoftables` is or isn't going to be included in the `\thesis@blocks@tables` block, respectively.
- `\thesis@blocks@tables` • `lof, nolof` – `\listoffigures` is or isn't going to be included in the `\thesis@blocks@tables` block, respectively.
- `\thesis@blocks@cover` • `cover, nocover` – The `\thesis@blocks@cover` is or isn't going to expand to the thesis cover.
- `\ifthesis@cover@` The `\ifthesis@cover@` conditional is set to false or true, respectively. This value can be tested in the subsequently loaded style files.

```

805 \DeclareOption{10pt}{\def\thesis@ptsize{0}}
806 \DeclareOption{11pt}{\def\thesis@ptsize{1}}
807 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
808 \newif\ifthesis@twoside@
809 \DeclareOption{oneside}{%
810   \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
811 \DeclareOption{twoside}{%
812   \thesis@twoside@true \@twosidettrue \@mparswitchtrue}
813 \DeclareOption{onecolumn}{\@twocolumnfalse}
814 \DeclareOption{twocolumn}{\@twocolumntrue}
815 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
816 \DeclareOption{final}{\setlength\overfullrule{0pt}}
817 \newif\ifthesis@color@
818 \DeclareOption{monochrome}{\thesis@color@false}
819 \DeclareOption{color}{\thesis@color@true}
820 \newif\ifthesis@palatino@
821 \DeclareOption{palatino}{\thesis@palatino@true}
822 \DeclareOption{nopalatino}{\thesis@palatino@false}
823 \newif\ifthesis@newtable@
824 \DeclareOption{table}{\thesis@newtable@true}
825 \DeclareOption{oldtable}{\thesis@newtable@false}
826 \DeclareOption{nolot}{\def\thesis@blocks@lot{}}
827 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
828 \DeclareOption{nolof}{\def\thesis@blocks@lof{}}
829 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
830 \newif\ifthesis@cover@
831 \DeclareOption{nocover}{\thesis@cover@false}
832 \DeclareOption{cover}{\thesis@cover@true}

```

These are the default options:

```

833 \ExecuteOptions{12pt,twoside,final,monochrome,palatino,
834   oldtable,lot,lof,nocover}
835 \ProcessOptions

```

The file loads the following packages:

- `xcolor` – Adds support for color manipulation.
- `ifxetex` – Used to detect the  $\text{\XeTeX}$  engine.
- `ifluatex` – Used to detect the  $\text{\LuaTeX}$  engine.
- `graphicx` – Adds support for the inclusion of graphics files.
- `pdfpages` – Adds support for the injection of PDF documents into the resulting document, namely the thesis assignment.
- `hyperref` – Adds support for injecting metadata into the resulting PDF document.
- `keyval` – Adds support for parsing comma-delimited lists of key-value pairs.

```
836 \thesis@require{xcolor}
837 \thesis@require{graphicx}
838 \thesis@require{pdfpages}
839 \thesis@require{keyval}
840 \thesis@require{ifxetex}
841 \thesis@require{ifluatex}
```

`\ifthesis@xeluatex` Using the `\ifxetex` and `\ifluatex` conditionals, a compound `\ifthesis@xeluatex` conditional was constructed. This conditional can be used by subsequently loaded style files to test, whether either the  $\text{\XeTeX}$  or the  $\text{\LuaTeX}$  engine is being used.

```
842 {\let\x\expandafter
843 \x\global\x\let\x\ifthesis@xeluatex\csname if%
844 \ifxetex true\else
845 \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
846 \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
847 \fi
848 \fi\endcsname}
```

The following packages get only loaded, when the document is being typeset using the  $\text{\XeTeX}$  or  $\text{\LuaTeX}$  engine:

- `fontspec` – Allows the selection of system-installed fonts.
- `unicode-math` – Allows the selection of system-installed mathematical fonts.

Under  $\text{\XeTeX}$ , the TeX Gyre Pagella and TeX Gyre Pagella Math are also selected as the main text and math fonts.

```
849 \ifthesis@xeluatex
850 \ifthesis@palatino@
851 \thesis@require{fontspec}
852 \thesis@require{unicode-math}
853 \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
854 \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
855 {TG Pagella Math}
856 \fi
```



The following packages get only loaded, when the document is not being typeset using the  $\text{\LaTeX}$  engine and the `\ifthesis@palatino@` conditional is true:

- `cmap` – Places an explicit ToUnicode map in the resulting PDF file, allowing for extraction of the text of the document.
- `mathpazo` – The virtual mathpazo fonts will be used for math.
- `tgpagella` – Changes the default roman font family to  $\text{\TeX}$  Gyre Pagella.
- `lmodern` – Changes the default sans-serif and monotype font faces to Latin Modern instead of the default Computer Modern font family.
- `fontenc` – The font encoding is set to Cork.

```

857 \else
858   \ifthesis@palatino@
859     \RequirePackage[resetfonts]{cmap}
860     \thesis@require{lmodern}
861     \thesis@require{mathpazo}
862     \thesis@require{tgpagella}
863     \RequirePackage[T1]{fontenc}
864   \fi
865 \fi

```

If the `\thesis@newtable@` and `\thesis@color@` conditionals are true, then the following package gets loaded:

- `tabularx` – Provides the `tabularx` environment, which enables the typesetting of tables with variable-width columns.

Subsequently, the `tabular` and `tabularx` environments are redefined to better match the style of the given faculty.

The `\thesis@newtable@old` and `\endthesis@newtable@old` macros containing the original definition of the `tabular` environment are always defined and are available for subsequently loaded styles in case the typesetting of unaltered tables is required.

```

866 \let\thesis@newtable@old\tabular
867 \let\endthesis@newtable@old\endtabular
868 \ifthesis@newtable@\ifthesis@color@
869   \thesis@require{tabularx}
870   \thesis@require{booktabs}
871   % The redefinition of 'tabular'
872   \renewenvironment{tabular}%
873     {\rowcolors{1}{thesis@color@tableOdd}%
874      {thesis@color@tableEven}%
875     \thesis@newtable@old}%
876     {\endthesis@newtable@old}
877   % The redefinition of 'tabularx'
878   \let\thesis@newtable@oldx\tabularx
879   \let\endthesis@newtable@oldx\endtabularx

```

```

880 \renewenvironment{tabularx}%
881   {\rowcolors{1}{thesis@color@tableOdd}%
882     {thesis@color@tableEven}%
883   \thesis@newtable@oldx}%
884   {\endthesis@newtable@oldx}
885 % Adjust the measurements
886 \setlength{\aboverulesep}{0pt}
887 \setlength{\belowrulesep}{0pt}
888 \setlength{\extrarowheight}{.75ex}
889 \fi\fi

```

The hyperref package is configured to support both roman and arabic page numbering in one document and to decorate hyperlinks with an underline instead of a rectangular box.

```

890 \thesis@require{hyperref}
891 \hypersetup{
892   pdfborderstyle={/S/U/W 1}, % Less obtrusive borders
893   plainpages=false,          % Multiple page numbering support
894   pdfpagelabels              % Generate pdf page labels
895 }

```

`\thesis@color@setup` The file defines the `\thesis@color@setup{<colors>}` command, where *colors* is a comma-delimited list of key-value pairs as defined by the keyval package. The command can be invoked either by the subsequently loaded style files or by the user to define which colors will be used, when the color option is specified.

```

896 \def\thesis@color@setup#1{%
897   \setkeys{thesis@color}{#1}}

```

The following key-value pairs are supported:

1. `{(links=color)}` – Sets the color of hyperref links to *color* and stores it under the name `thesis@color@links`. The default color of links is specified by the hyperref package.
2. `{(tableOdd=color)}` – Stores the color of the odd rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableOdd`.
3. `{(tableEven=color)}` – Stores the color of the even rows of the redefined `tabular` and `tabularx` environments under the name `thesis@color@tableEven`.
4. `{(tableEmph=color)}` – Stores the color of an emphasized cell in the table for usage by the user under the name `thesis@color@tableEmph`.

```

898 \define@key{thesis@color}{links}{%
899   \definecolor{thesis@color@links}#1
900   \hypersetup{linkbordercolor=thesis@color@links}}
901 \define@key{thesis@color}{tableOdd}{%
902   \definecolor{thesis@color@tableOdd}#1}
903 \define@key{thesis@color}{tableEven}{%
904   \definecolor{thesis@color@tableEven}#1}
905 \define@key{thesis@color}{tableEmph}{%
906   \definecolor{thesis@color@tableEmph}#1}

```

The file defines several blocks to be used in the redefinitions of the `\thesis@preamble` and `\thesis@postable` private macros by the subsequently loaded style files.

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private macro sets up the style of the front matter of the thesis.

```
907 \def\thesis@blocks@frontMatter{%
908   \thesis@blocks@clear
909   \pagestyle{plain}
910   \parindent 1.5em
911   \setcounter{page}{1}
912   \pagenumbering{roman}}
```

`\thesis@blocks@clear` The `\thesis@blocks@clear` private macro clears the current page along with the next left-handed (even-numbered) page, when double-sided typesetting is enabled.

```
913 \def\thesis@blocks@clear{%
914   \ifthesis@twoside%
915     \clearpage%
916     \thispagestyle{empty}%
917     \cleardoublepage%
918   \else%
919     \newpage%
920   \fi}
```

`\thesis@blocks@leftPage` The `\thesis@blocks@leftPage` private macro clears the current page along with the next right-handed (odd-numbered) page, when double-sided typesetting is enabled.

```
921 \def\thesis@blocks@clearRight{%
922   \ifthesis@twoside%
923     \clearpage%
924     \ifodd\value{page}%
925       \thispagestyle{empty}%
926       \hbox{}%
927     \newpage%
928   \fi%
929   \else%
930     \newpage%
931   \fi}
```

`\thesis@blocks@facultyLogo@monochrome` The `\thesis@blocks@facultyLogo@monochrome[<options>]` private macro typesets the `\thesis@logopath\thesis@facultyLogo` logo with the given *options* passed to `\thesis@includegraphics`.

```
932 \newcommand{\thesis@blocks@facultyLogo@monochrome}[1]%
933   [width=40mm]{\thesis@includegraphics[#1]{%
934     \thesis@logopath\thesis@facultyLogo}}
```

`\thesis@blocks@facultyLogo@color` The `\thesis@blocks@facultyLogo@color[<options>]` private macro typesets either the `\thesis@logopath\thesis@facultyLogo` logo, if the `\ifthesis@color@`

conditional is false or the `\thesis@logopath color/\thesis@facultyLogo` logo otherwise with the given *options* passed to `\thesis@includegraphics`.

```

935 \newcommand{\thesis@blocks@facultyLogo@color}[1][width=40mm]{
936   \thesis@includegraphics[#1]{%
937     \thesis@logopath\ifthesis@color@ color/\fi\thesis@facultyLogo}}

```

`\thesis@blocks@universityLogo@monochrome` The `\thesis@blocks@universityLogo@monochrome[options]` private macro typesets the `\thesis@logopath\thesis@universityLogo` logo with the given *options* passed to `\thesis@includegraphics`.

```

938 \newcommand{\thesis@blocks@universityLogo@monochrome}[1][%
939   [width=40mm]{\thesis@includegraphics[#1]{%
940     \thesis@logopath\thesis@universityLogo}}

```

`\thesis@blocks@universityLogo@color` The `\thesis@blocks@universityLogo@color[options]` private macro typesets either the `\thesis@logopath\thesis@universityLogo` logo, if the `\ifthesis@color@conditional` is false or the `\thesis@logopath color/\thesis@universityLogo` logo otherwise with the given *options* passed to `\thesis@includegraphics`.

```

941 \newcommand{\thesis@blocks@universityLogo@color}[1][width=40mm]{
942   \thesis@includegraphics[#1]{%
943     \thesis@logopath\ifthesis@color@ color/\fi%
944     \thesis@universityLogo}}

```

`\thesis@blocks@cover` The `\thesis@blocks@cover` private macro typesets the thesis cover. It is composed of three private macros:

- `\thesis@blocks@cover@header` – The header of the cover page
- `\thesis@blocks@cover@content` – The content of the cover page
- `\thesis@blocks@cover@footer` – The footer of the cover page

This allows the subsequently loaded style files to only redefine certain parts of the cover page.

```

945 \def\thesis@blocks@cover{%
946   \ifthesis@cover@%
947     \thesis@blocks@clear%
948     \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
949     \begin{alwaysingle}%
950       \thispagestyle{empty}%
951       \begin{center}%
952         \thesis@blocks@cover@header%
953         \thesis@blocks@facultyLogo@monochrome\@0.4in%
954         \let\footnotesize\small%
955         \let\footnoterule\relax{}%
956         \thesis@blocks@cover@content%
957         \par\vfill%
958         \thesis@blocks@cover@footer%
959       \end{center}%
960     \end{alwaysingle}%
961     \ifthesis@twoside@\@twosidetrue\fi % Re-enable twoside
962   \fi}

```

The output of the `\thesis@blocks@cover@header` private macro is controlled by the following conditional expressions:

1. `\ifthesis@blocks@cover@university@` – This conditional expression determines, whether the university name is going to be included in the header of the cover. The default value of this conditional expression is true.
2. `\ifthesis@blocks@cover@faculty@` – This conditional expression determines, whether the faculty name is going to be included in the header of the cover. The default value of this conditional expression is true.
3. `\ifthesis@blocks@cover@department@` – This conditional expression determines, whether the department name is going to be included in the header of the cover. The default value of this conditional expression is false.
4. `\ifthesis@blocks@cover@field@` – This conditional expression determines, whether the field of study is going to be included in the header of the cover. The default value of this conditional expression is false.

The subsequently loaded style files can alter the value of these expressions to alter the output of the `\thesis@blocks@cover@header` private macro without altering its definition.

```

963 \newif\ifthesis@blocks@cover@university@
964 \thesis@blocks@cover@university@true
965 \newif\ifthesis@blocks@cover@faculty@
966 \thesis@blocks@cover@faculty@true
967 \newif\ifthesis@blocks@cover@department@
968 \thesis@blocks@cover@department@false
969 \newif\ifthesis@blocks@cover@field@
970 \thesis@blocks@cover@field@false
971
972 \def\thesis@blocks@cover@header{%
973   {\sc\ifthesis@blocks@cover@university@%
974     \thesis@titlePage@LARGE\thesis@{universityName}}\%
975   \fi\ifthesis@blocks@cover@faculty@%
976     \thesis@titlePage@Large\thesis@{facultyName}}\%
977   \fi\ifthesis@blocks@cover@department@%
978     \thesis@titlePage@large\thesis@department%\%
979   \fi}
980 \ifthesis@blocks@cover@field@%
981   {\thesis@titlePage@large\vskip 1em%
982     {\bf\thesis@{fieldTitle}:} \thesis@field}%
983   \fi\vskip 2em}
984 \def\thesis@blocks@cover@content{%
985   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
986   \vskip 0.8in%
987   {\thesis@titlePage@large\sc\thesis@{typeName}}\|[0.3in]%
988   {\thesis@titlePage@Large\bf\thesis@author}}
989 \def\thesis@blocks@cover@footer{%
990   {\thesis@titlePage@large\thesis@place, \thesis@{semester}}}
```

`\thesis@blocks@titlePage` The `\thesis@blocks@titlePage` private macro typesets the thesis title page. It is composed of three private macros:

- `\thesis@blocks@titlePage@header` – The header of the cover page
- `\thesis@blocks@titlePage@content` – The content of the cover page
- `\thesis@blocks@titlePage@footer` – The footer of the cover page

This allows the subsequently loaded style files to only redefine certain parts of the title page. Depending on the value of the `\ifthesis@color@` conditional, the faculty logo is loaded from either `\thesis@logopath`, if false, or from `\thesis@logopath color/`, if true.

```

991 \def\thesis@blocks@titlePage{%
992     \thesis@blocks@clear%
993     \begin{alwaysingle}%
994         \thispagestyle{empty}%
995         \begin{center}%
996             \thesis@blocks@titlePage@header%
997             \thesis@blocks@facultyLogo@color\[\[0.4in]%
998             \let\footnotesize\small%
999             \let\footnoterule\relax{}}%
1000         \thesis@blocks@titlePage@content%
1001         \par\vfill%
1002         \thesis@blocks@titlePage@footer%
1003     \end{center}%
1004 \end{alwaysingle}}

```

The output of the `\thesis@blocks@titlePage@header` private macro is controlled by the following conditional expressions:

1. `\ifthesis@blocks@titlePage@university@` – This conditional expression determines, whether the university name is going to be included in the header of the title page. The default value of this conditional expression is true.
2. `\ifthesis@blocks@titlePage@faculty@` – This conditional expression determines, whether the faculty of study is going to be included in the header of the title page. The default value of this conditional expression is true.
3. `\ifthesis@blocks@titlePage@department@` – This conditional expression determines, whether the department name is going to be included in the header of the title page. The default value of this conditional expression is false.
4. `\ifthesis@blocks@titlePage@field@` – This conditional expression determines, whether the field of study is going to be included in the header of the title page. The default value of this conditional expression is false.

The subsequently loaded style files can alter the value of these expressions to alter the output of the `\thesis@blocks@titlePage@header` private macro without altering its definition.

```

1005 \newif\ifthesis@blocks@titlePage@university@
1006 \thesis@blocks@titlePage@university@true
1007 \newif\ifthesis@blocks@titlePage@faculty@
1008 \thesis@blocks@titlePage@faculty@true
1009 \newif\ifthesis@blocks@titlePage@department@
1010 \thesis@blocks@titlePage@department@false
1011 \newif\ifthesis@blocks@titlePage@field@
1012 \thesis@blocks@titlePage@field@false
1013
1014 \def\thesis@blocks@titlePage@header{%
1015   {\sc\ifthesis@blocks@titlePage@university@%
1016     \thesis@titlePage@LARGE\thesis@{universityName}}\%
1017   \fi\ifthesis@blocks@titlePage@faculty@%
1018     \thesis@titlePage@Large\thesis@{facultyName}}\%
1019   \fi\ifthesis@blocks@titlePage@department@%
1020     \thesis@titlePage@large\thesis@department}\%
1021   \fi}
1022 \ifthesis@blocks@titlePage@field@%
1023   {\thesis@titlePage@large\vskip 1em%
1024     {\bf\thesis@{fieldTitle}:} \thesis@field}%
1025   \fi\vskip 2em}
1026 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
1027 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer

```

`\thesis@blocks@tables` The `\thesis@blocks@tables` private macro typesets the table of contents and optionally the `\listoftables` and the `\listoffigures`.

```

1028 \def\thesis@blocks@tables{%
1029   \thesis@blocks@clear%
1030   \tableofcontents%
1031   \thesis@blocks@lot%
1032   \thesis@blocks@lof}

```

`\thesis@blocks@declaration` The `\thesis@blocks@declaration` private macro typesets the declaration text.

```

1033 \def\thesis@blocks@declaration{%
1034   \thesis@blocks@clear%
1035   \begin{alwaysingle}%
1036     \chapter*{\thesis@{declarationTitle}}%
1037     \thesis@declaration%
1038     \vskip 2cm%
1039     \hfill\thesis@author%
1040   \end{alwaysingle}}

```

`\thesis@blocks@thanks` The `\thesis@blocks@thanks` private macro typesets the acknowledgement, if the `\thesis@thanks` private macro is defined.

```

1041 \def\thesis@blocks@thanks{%
1042   \ifx\thesis@thanks\undefined\else%

```

```

1043 \thesis@blocks@clear%
1044 \begin{alwaysssingle}%
1045   \chapter*{\vspace*{\fill}\thesis@{@{thanksTitle}}}%
1046   \thesis@thanks%
1047 \end{alwaysssingle}%
1048 \fi}

\thesis@blocks@abstract The \thesis@blocks@abstract private macro typesets the abstract.
1049 \def\thesis@blocks@abstract{%
1050   \begin{alwaysssingle}%
1051     % Start the new chapter without clearing the right page
1052     {\def\cleardoublepage{}
1053     \chapter*{\thesis@{@{abstractTitle}}}%
1054     \noindent\thesis@abstract%
1055     \par\vfil\null%
1056   \end{alwaysssingle}}

\thesis@blocks@abstractEn The \thesis@blocks@abstractEn private macro typesets the abstract in English.
If the current locale is English, the macro produces no output. A style file that
uses this block needs to require the English locale.
1057 \def\thesis@blocks@abstractEn{%
1058   \ifthesis@english\else%
1059     \begin{alwaysssingle}%
1060       % Start the new chapter without clearing the right page
1061       {\def\cleardoublepage{}
1062       \chapter*{\thesis@{english@abstractTitle}}%
1063       \thesis@abstractEn%
1064       \par\vfil\null%
1065     \end{alwaysssingle}%
1066   \fi}

\thesis@blocks@keywords The \thesis@blocks@keywords private macro typesets the keywords.
1067 \def\thesis@blocks@keywords{%
1068   \begin{alwaysssingle}%
1069     % Start the new chapter without clearing the right page
1070     {\def\cleardoublepage{}
1071     \chapter*{\thesis@{@{keywordsTitle}}}%
1072     \noindent\thesis@TeXkeywords}%
1073     \par\vfil\null%
1074   \end{alwaysssingle}}

\thesis@blocks@keywordsEn The \thesis@blocks@keywordsEn private macro typesets the keywords in En-
glish. If the current locale is English, the macro produces no output. A style
file that uses this block needs to require the English locale.
1075 \def\thesis@blocks@keywordsEn{%
1076   \ifthesis@english\else%
1077     \begin{alwaysssingle}%
1078       % Start the new chapter without clearing the right page
1079       {\def\cleardoublepage{}

```



```

1080 \chapter*{\thesis@{english@keywordsTitle}}%
1081 \thesis@TeXkeywordsEn}%
1082 \par\vfil\null%
1083 \end{alwaysssingle}%
1084 \fi}

```

`\thesis@blocks@assignment` The `\thesis@blocks@assignment` private macro either typesets a blank page to be replaced with the official thesis assignment or injects the file located at the `\thesis@assignmentPDF` path, if defined. In case of a rigorous thesis, the macro expands to an empty token string.

```

1085 \def\thesis@blocks@assignment{%
1086 \ifx\thesis@type\thesis@rigorous\else%
1087 \thesis@blocks@clear%
1088 \ifx\thesis@assignmentFiles\undefined%
1089 \begin{alwaysssingle}%
1090 \thispagestyle{empty}
1091 \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}
1092 \noindent\textit{\thesis@{assignment}}}%
1093 \end{alwaysssingle}%
1094 \else%
1095 {\def\@empty{}\edef\@pdfList{\thesis@assignmentFiles}}%
1096 \if\@pdfList\@empty\else%
1097 \expandafter\includepdfmerge\expandafter{\@pdfList}%
1098 \fi}%
1099 \fi\thesis@blocks@clear
1100 \fi}

```

`\thesis@blocks@mainMatter` The `\thesis@blocks@mainMatter` private macro sets up the style of the main matter of the thesis.

```

1101 \def\thesis@blocks@mainMatter{%
1102 \thesis@blocks@clear
1103 \setcounter{page}{1}
1104 \pagenumbering{arabic}
1105 \pagestyle{thesisheadings}
1106 \parindent 1.5em\relax}

```

The rest of the file comprises redefinitions of  $\LaTeX$  commands and private `rapport3` class macros altering the layout of the resulting document. Depending on the type size of 10, 11 or 12 points, either the `fithesis3-10.clo`, `fithesis3-11.clo` or `fithesis3-12.clo` file is loaded from the `\thesis@stylepath mu` directory, respectively.

```

1107 % Table of contents will contain sectioning commands up to
1108 % \subsubsection
1109 \setcounter{tocdepth}{4}
1110
1111 % Load the 'fithesis3-1*.clo' size option
1112 \input\thesis@stylepath mu/fithesis3-1\thesis@ptsize.clo\relax
1113
1114 \def\ps@thesisheadings{%

```

```

1115 \def\chaptermark##1{%
1116 \markright{%
1117 \ifnum\c@secnumdepth >\m@ne
1118 \thechapter.\ %
1119 \fi ##1}}
1120 \let\@oddfoot\@empty
1121 \let\@oddhead\@empty
1122 \def\@oddhead{\vbox{\hbox to \textwidth{%
1123 \hfil{\sc\rightmark}}\vskip 4pt\hrule}}
1124 \if@twoside
1125 \def\@evenhead{\vbox{\hbox to \textwidth{%
1126 {\sc\rightmark}\hfil}\vskip 4pt\hrule}}
1127 \else
1128 \let\@evenhead\@oddhead
1129 \fi
1130 \def\@oddfoot{\hfil\PageFont\thepage}
1131 \if@twoside
1132 \def\@evenfoot{\PageFont\thepage\hfil}%
1133 \else
1134 \let\@evenfoot\@oddfoot
1135 \fi
1136 \let\@mkboth\markboth
1137 }
1138
1139 % Redefines the style of the chapter headings
1140 \renewcommand*\chapter{%
1141 \if@twoside
1142 \clearpage
1143 \thispagestyle{empty}
1144 \cleardoublepage
1145 \else
1146 \clearpage
1147 \fi
1148 \thispagestyle{plain}%
1149 \global\@topnum\z@
1150 \@afterindentfalse
1151 \secdef\chapter\@schapter}
1152
1153 % Redefines the style of part headings
1154 \renewcommand*\part{%
1155 \clearpage
1156 \thispagestyle{empty}
1157 \cleardoublepage
1158 \thispagestyle{empty}%
1159 \if@twocolumn%
1160 \onecolumn
1161 \@tempswattrue
1162 \else
1163 \@tempswafalse
1164 \fi

```

```

1165 \hbox{}\vfil
1166 \secdef\@part\@spart}
1167
1168 \newif\if@restonecol
1169 \def\alwaysingle{%
1170   \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1171 \def\endalwaysingle{\if@restonecol\twocolumn\fi}
1172
1173 \renewcommand*\l@part[2]{%
1174   \ifnum \c@tocdepth >-2\relax
1175     \addpenalty{-\@highpenalty}%
1176     \addvspace{0.5em \@plus\p@}%
1177     \begingroup
1178       \setlength\@tempdima{3em}%
1179       \parindent \z@ \rightskip \@pnumwidth
1180       \parfillskip -\@pnumwidth
1181       {\leavevmode
1182        \normalfont \bfseries #1\hfil \hbext@\@pnumwidth{\hss #2}}\par
1183       \nobreak
1184       \global\@nobreaktrue
1185       \everypar{\global\@nobreakfalse\everypar{}}%
1186     \endgroup
1187     \addvspace{0.2em \@plus\p@}%
1188   \fi}
1189
1190 \renewcommand*\l@chapter[2]{%
1191   \ifnum \c@tocdepth >\m@ne
1192     \addpenalty{-\@highpenalty}%
1193     \vskip 1.0em \@plus\p@
1194     \setlength\@tempdima{1.5em}%
1195     \begingroup
1196       \parindent \z@ \rightskip \@pnumwidth
1197       \parfillskip -\@pnumwidth
1198       \leavevmode \bfseries
1199       \advance\leftskip\@tempdima
1200       \hskip -\leftskip
1201       #1\nobreak\hfil \nobreak\hbext@\@pnumwidth{\hss #2}\par
1202       \penalty\@highpenalty
1203     \endgroup
1204   \fi}
1205
1206 \renewcommand*\l@chapter{\@dottedtocline{1}{0em}{1.5em}}
1207 \renewcommand*\l@section{\@dottedtocline{2}{1.5em}{2.3em}}
1208 \renewcommand*\l@subsection{\@dottedtocline{2}{3.8em}{3.2em}}
1209 \renewcommand*\l@subsubsection{\@dottedtocline{2}{7.0em}{3.8em}}

```

### 3.6.2.3 The style/mu/fit10.clo file

This file is conditionally loaded by the style/mu/base.sty file to redefine the page geometry to match the type size of 10 points.

```
1210 \opt
1211 \*10pt
1212 \ProvidesFile{fit10.clo}[2015/04/08]
1213
1214 \renewcommand{\normalsize}{\fontsize\expt{12}\selectfont%
1215 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1216 \belowdisplayskip \abovedisplayskip
1217 \abovedisplayshortskip \z@ plus3\p@
1218 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1219 \let\@listi\@listI}
1220
1221 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont%
1222 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1223 \belowdisplayskip \abovedisplayskip
1224 \abovedisplayshortskip \z@ plus2\p@
1225 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1226 \def\@listi{\leftmargin\leftmarginI
1227 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1228 \itemsep \parsep}}
1229
1230 \renewcommand{\footnotesize}{\fontsize\@viipt{9.5}\selectfont%
1231 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1232 \belowdisplayskip \abovedisplayskip
1233 \abovedisplayshortskip \z@ plus\p@
1234 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1235 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1236 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1237 \itemsep \parsep}}
1238
1239 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1240 \renewcommand{\tiny}{\fontsize\@vpt{6pt}\selectfont}
1241 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1242 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1243 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1244 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1245 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1246
1247 \end{document}
```

### 3.6.2.4 The style/mu/fit11.clo file

This file is conditionally loaded by the style/mu/base.sty file to redefine the page geometry to match the type size of 11 points.

```
1248 \*11pt
1249 \ProvidesFile{fit11.clo}[2015/04/08]
1250
```

```

1251 \renewcommand{\normalsize}{\fontsize\@xpt{14}\selectfont%
1252 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1253 \belowdisplayskip \abovedisplayskip
1254 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1255 %\abovedisplayshortskip \z@ plus3\p@
1256 \let\@listi\@listI}
1257
1258 \renewcommand{\small}{\fontsize\@xpt{12}\selectfont%
1259 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1260 \belowdisplayskip \abovedisplayskip
1261 \abovedisplayshortskip \z@ plus3\p@
1262 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1263 \def\@listi{\leftmargin\leftmargini
1264 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1265 \itemsep \parsep}}
1266
1267 \renewcommand{\footnotesize}{\fontsize\@xpt{11}\selectfont%
1268 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1269 \belowdisplayskip \abovedisplayskip
1270 \abovedisplayshortskip \z@ plus\p@
1271 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1272 \def\@listi{\leftmargin\leftmargini
1273 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1274 \itemsep \parsep}}
1275
1276 \renewcommand{\scriptsize}{\fontsize\@viipt{9.5pt}\selectfont}
1277 \renewcommand{\tiny}{\fontsize\@vpt{7pt}\selectfont}
1278 \renewcommand{\large}{\fontsize\@xipt{14pt}\selectfont}
1279 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1280 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1281 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1282 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1283
1284 \
```

### 3.6.2.5 The style/mu/fit12.clo file

This file is conditionally loaded by the style/mu/base.sty file to redefine the page geometry to match the type size of 12 points. The type dimensions defined by the file are stored in the following private macros as well:

<code>\thesis@titlePage@normalsize</code>	• <code>\thesis@titlePage@normalsize</code> – Equivalent to <code>\normalsize</code>
<code>\thesis@titlePage@small</code>	• <code>\thesis@titlePage@small</code> – Equivalent to <code>\small</code>
<code>\thesis@titlePage@footnotesize</code>	• <code>\thesis@titlePage@footnotesize</code> – Equivalent to <code>\footnotesize</code>
<code>\thesis@titlePage@scriptsize</code>	• <code>\thesis@titlePage@scriptsize</code> – Equivalent to <code>\scriptsize</code>
<code>\thesis@titlePage@tiny</code>	• <code>\thesis@titlePage@tiny</code> – Equivalent to <code>\tiny</code>

<code>\thesis@titlePage@large</code>	• <code>\thesis@titlePage@large</code> – Equivalent to <code>\large</code>
<code>\thesis@titlePage@Large</code>	• <code>\thesis@titlePage@Large</code> – Equivalent to <code>\Large</code>
<code>\thesis@titlePage@LARGE</code>	• <code>\thesis@titlePage@LARGE</code> – Equivalent to <code>\LARGE</code>
<code>\thesis@titlePage@huge</code>	• <code>\thesis@titlePage@huge</code> – Equivalent to <code>\huge</code>
<code>\thesis@titlePage@Huge</code>	• <code>\thesis@titlePage@Huge</code> – Equivalent to <code>\Huge</code>

These private macros can be used to typeset elements, whose size should remain constant regardless of the font size setting.

```

1285 (*12pt)
1286 \ProvidesFile{fit12.clo}[2015/04/08]
1287 (/12pt)
1288
1289 \def\thesis@titlePage@normalsize{\fontsize\@xipt{14.5}%
1290 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1291 \belowdisplayskip \abovedisplayskip
1292 \abovedisplayshortskip \z@ plus3\p@
1293 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1294 \let\@listi\@listI}
1295
1296 \def\thesis@titlePage@small{\fontsize\@xipt{13.6}\selectfont%
1297 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1298 \belowdisplayskip \abovedisplayskip
1299 \abovedisplayshortskip \z@ plus3\p@
1300 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1301 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1302 \parsep 4.5\p@ plus2\p@ minus\p@
1303 \itemsep \parsep
1304 \topsep 9\p@ plus3\p@ minus5\p@}}
1305
1306 \def\thesis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont%
1307 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1308 \belowdisplayskip \abovedisplayskip
1309 \abovedisplayshortskip \z@ plus3\p@
1310 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1311 \def\@listi{\leftmargin\leftmarginI %% Added 22 Dec 87
1312 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1313 \itemsep \parsep}}
1314
1315 \def\thesis@titlePage@scriptsize{\fontsize\@viipt{9.5pt}\selectfont}
1316 \def\thesis@titlePage@tiny{\fontsize\@vpt{7pt}\selectfont}
1317 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1318 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
1319 \def\thesis@titlePage@LARGE{\fontsize\@xxpt{25pt}\selectfont}
1320 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1321 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1322
1323 (*12pt)

```

```

1324 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1325 \renewcommand{\small}{\thesis@titlePage@small}
1326 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1327 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1328 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1329 \renewcommand{\large}{\thesis@titlePage@large}
1330 \renewcommand{\Large}{\thesis@titlePage@Large}
1331 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1332 \renewcommand{\huge}{\thesis@titlePage@huge}
1333 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1334 </12pt>
1335 \let\@normalsize\normalsize
1336 \normalsize
1337
1338 \if@twoside
1339   \oddsidemargin 0.75in
1340   \evensidemargin 0.4in
1341   \marginparwidth 0pt
1342 \else
1343   \oddsidemargin 0.75in
1344   \evensidemargin 0.75in
1345   \marginparwidth 0pt
1346 \fi
1347 \marginparsep 10pt
1348
1349 \topmargin 0.4in
1350
1351 \headheight 20pt
1352 \headsep 10pt
1353 \topskip 10pt
1354 \footskip 30pt
1355
1356 < *10pt>
1357 \textheight = 43\baselineskip
1358 \advance\textheight by \topskip
1359 \textwidth 5.0truein
1360 \columnsep 10pt
1361 \columnseprule 0pt
1362
1363 \footnotesep 6.65pt
1364 \skip\footins 9pt plus 4pt minus 2pt
1365 \floatsep 12pt plus 2pt minus 2pt
1366 \textfloatsep 20pt plus 2pt minus 4pt
1367 \intextsep 12pt plus 2pt minus 2pt
1368 \dblfloatsep 12pt plus 2pt minus 2pt
1369 \dbltextfloatsep 20pt plus 2pt minus 4pt
1370
1371 \@fptop 0pt plus 1fil
1372 @fpsep 8pt plus 2fil
1373 @fpbot 0pt plus 1fil

```

```

1374 \@dblftop 0pt plus 1fil
1375 \@dblfpsep 8pt plus 2fil
1376 \@dblfpbot 0pt plus 1fil
1377 \marginparpush 5pt
1378
1379 \parskip 0pt plus 1pt
1380 \partopsep 2pt plus 1pt minus 1pt
1381
1382 </10pt>
1383 %
1384 <*11pt>
1385 \textheight = 39\baselineskip
1386 \advance\textheight by \topskip
1387 \textwidth 5.0truein
1388 \columnsep 10pt
1389 \columnseprule 0pt
1390
1391 \footnotesep 7.7pt
1392 \skip\footins 10pt plus 4pt minus 2pt
1393 \floatsep 12pt plus 2pt minus 2pt
1394 \textfloatsep 20pt plus 2pt minus 4pt
1395 \intextsep 12pt plus 2pt minus 2pt
1396 \dblfloatsep 12pt plus 2pt minus 2pt
1397 \dbltextfloatsep 20pt plus 2pt minus 4pt
1398
1399 \@fptop 0pt plus 1fil
1400 \@fpsep 8pt plus 2fil
1401 \@fpbot 0pt plus 1fil
1402 \@dblftop 0pt plus 1fil
1403 \@dblfpsep 8pt plus 2fil
1404 \@dblfpbot 0pt plus 1fil
1405 \marginparpush 5pt
1406
1407 \parskip 0pt plus 0pt
1408 \partopsep 3pt plus 1pt minus 2pt
1409
1410 </11pt>
1411 %
1412 <*12pt>
1413 \textheight = 37\baselineskip
1414 \advance\textheight by \topskip
1415 \textwidth 5.0truein
1416 \columnsep 10pt
1417 \columnseprule 0pt
1418
1419 \footnotesep 8.4pt
1420 \skip\footins 10.8pt plus 4pt minus 2pt
1421 \floatsep 14pt plus 2pt minus 4pt
1422 \textfloatsep 20pt plus 2pt minus 4pt
1423 \intextsep 14pt plus 4pt minus 4pt

```



```

1424\dblfloatsep 14pt plus 2pt minus 4pt
1425\dbltextfloatsep 20pt plus 2pt minus 4pt
1426
1427\@fptop 0pt plus 1fil
1428\@fpsep 10pt plus 2fil
1429\@fpbot 0pt plus 1fil
1430\@dblftop 0pt plus 1fil
1431\@dblpsep 10pt plus 2fil
1432\@dblfpbot 0pt plus 1fil
1433\marginparpush 7pt
1434
1435\parskip 0pt plus 0pt
1436\partopsep 3pt plus 2pt minus 2pt
1437
1438</12pt>
1439\@lowpenalty 51
1440\@medpenalty 151
1441\@highpenalty 301
1442\@beginparpenalty -\@lowpenalty
1443\@endparpenalty -\@lowpenalty
1444\@itempenalty -\@lowpenalty
1445
1446\def\@makechapterhead#1{%
1447  {%
1448    \setlength\parindent{\z@}%
1449    \setlength\parskip {\z@}%
1450    \ifnum
1451      \c@secnumdepth >\m@ne
1452      \par\nobreak
1453      \vskip 10\p@
1454    \fi
1455    \Large \ChapFont \thechapter{} \space #1\par
1456    \nobreak
1457    \vskip 20\p@
1458  }%
1459 }
1460
1461\def\@makeschapterhead#1{%
1462  {%
1463    \setlength\parindent{\z@}%
1464    \setlength\parskip {\z@}%
1465    \Large \ChapFont #1\par
1466    \nobreak
1467    \vskip 20\p@
1468  }%
1469 }
1470
1471\def\chapter{%
1472  \clearpage
1473  \thispagestyle{plain}

```

```

1474 \global\@topnum\z@
1475 \@afterindentfalse
1476 \secdef\@chapter\@schapter
1477 }
1478
1479 \def\@chapter[#1]#2{%
1480   \ifnum \c@secnumdepth
1481     >\m@ne
1482     \refstepcounter{chapter}%
1483     \typeout{\@chapapp\space\thechapter.}%
1484     \addcontentsline{toc}{chapter}{\protect
1485       \numberline{\thechapter}\bfseries #1}
1486   \else%
1487     \addcontentsline{toc}{chapter}{\bfseries #1}
1488   \fi
1489   \chaptermark{#1}%
1490   \addtocontents{lof}%
1491   {\protect\addvspace{4\p@}}
1492   \addtocontents{lot}%
1493   {\protect\addvspace{4\p@}}
1494   \if@twocolumn
1495     \@topnewpage[\@makechapterhead{#2}]%
1496   \else
1497     \@makechapterhead{#2}%
1498     \@afterheading
1499   \fi
1500 }
1501
1502 %\def\@schapter#1{\if@twocolumn \@topnewpage[\@makeschapterhead{#1}]%
1503 %      \else \@makeschapterhead{#1}%
1504 %      \markright{#1}
1505 %      \@afterheading\fi}
1506
1507 \def\section{\@startsection {section}{1}{\z@}{-3.5ex plus-1ex minus
1508   -.2ex}{2.3ex plus.2ex}{\reset@font\large\bfseries}}
1509 \def\subsection{\@startsection{subsection}{2}{\z@}{-3.25ex plus-1ex
1510   minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize\bfseries}}
1511 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{-3.25ex plus
1512   -1ex minus-.2ex}{1.5ex plus.2ex}{\reset@font\normalsize}}
1513 \def\paragraph{\@startsection
1514   {paragraph}{4}{\z@}{3.25ex plus1ex minus.2ex}{-1em}{\reset@font
1515     \normalsize\bfseries}}
1516 \def\subparagraph{\@startsection
1517   {subparagraph}{4}{\parindent}{3.25ex plus1ex minus
1518     .2ex}{-1em}{\reset@font\normalsize\bfseries}}
1519
1520 \setcounter{secnumdepth}{2}
1521
1522 \def\appendix{\par
1523   \setcounter{chapter}{0}%

```

```

1524 \setcounter{section}{0}%
1525 \def\@chapapp{\appendixname}%
1526 \def\thechapter{\Alph{chapter}}
1527
1528 \leftmargini 2.5em
1529 \leftmarginii 2.2em % > \labelsep + width of '(m)'
1530 \leftmarginiii 1.87em % > \labelsep + width of 'vii.'
1531 \leftmarginiv 1.7em % > \labelsep + width of 'M.'
1532 \leftmarginv 1em
1533 \leftmarginvi 1em
1534
1535 \leftmargin\leftmargini
1536 \labelsep .5em
1537 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1538
1539 (*10pt)
1540 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@%
1541 \topsep 8\p@ plus2\p@ minus4\p@
1542 \itemsep 4\p@ plus2\p@ minus\p@}
1543
1544 \let\@listi\@listI
1545 \@listi
1546
1547 \def\@listii{\leftmargin\leftmarginii
1548 \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1549 \topsep 4\p@ plus2\p@ minus\p@
1550 \parsep 2\p@ plus\p@ minus\p@
1551 \itemsep \parsep}
1552
1553 \def\@listiii{\leftmargin\leftmarginiii
1554 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1555 \topsep 2\p@ plus\p@ minus\p@
1556 \parsep \z@ \partopsep\p@ plus\z@ minus\p@
1557 \itemsep \topsep}
1558
1559 \def\@listiv{\leftmargin\leftmarginiv
1560 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1561
1562 \def\@listv{\leftmargin\leftmarginv
1563 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1564
1565 \def\@listvi{\leftmargin\leftmarginvi
1566 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1567 </10pt>
1568 %
1569 (*11pt)
1570 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1571 \topsep 9\p@ plus3\p@ minus5\p@
1572 \itemsep 4.5\p@ plus2\p@ minus\p@}
1573

```

```

1574 \let\@listi\@listI
1575 \@listi
1576
1577 \def\@listii{\leftmargin\leftmarginii
1578   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1579   \topsep 4.5\p@ plus2\p@ minus\p@
1580   \parsep 2\p@ plus\p@ minus\p@
1581   \itemsep \parsep}
1582
1583 \def\@listiii{\leftmargin\leftmarginiii
1584   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1585   \topsep 2\p@ plus\p@ minus\p@
1586   \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1587   \itemsep \topsep}
1588
1589 \def\@listiv{\leftmargin\leftmarginiv
1590   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1591
1592 \def\@listv{\leftmargin\leftmarginv
1593   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1594
1595 \def\@listvi{\leftmargin\leftmarginvi
1596   \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1597 /11pt)
1598 %
1599 (*12pt)
1600 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
1601 \topsep 10\p@ plus4\p@ minus6\p@
1602 \itemsep 5\p@ plus2.5\p@ minus\p@}
1603
1604 \let\@listi\@listI
1605 \@listi
1606
1607 \def\@listii{\leftmargin\leftmarginii
1608   \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1609   \topsep 5\p@ plus2.5\p@ minus\p@
1610   \parsep 2.5\p@ plus\p@ minus\p@
1611   \itemsep \parsep}
1612
1613 \def\@listiii{\leftmargin\leftmarginiii
1614   \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1615   \topsep 2.5\p@ plus\p@ minus\p@
1616   \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1617   \itemsep \topsep}
1618
1619 \def\@listiv{\leftmargin\leftmarginiv
1620   \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1621
1622 \def\@listv{\leftmargin\leftmarginv
1623   \labelwidth\leftmarginv\advance\labelwidth-\labelsep}

```

```

1624
1625 \def\@listvi{\leftmargin\leftmarginvi
1626       \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1627 </12pt>
1628 </opt>

```

### 3.6.3 The style files of the Faculty of Informatics

#### 3.6.3.1 The style/mu/fithesis3-fi.sty file

This is the style file for the theses written at the Faculty of Informatics at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>1</sup>.

```

1629 \NeedsTeXFormat{LaTeX2e}
1630 \ProvidesPackage{fithesis3/style/mu/fithesis3-fi}[2015/05/02]

```

The file defines the color used with the hyperlinks.

```

1631 \thesis@color@setup{
1632   links={HTML}{FFD451},
1633   tableEmph={HTML}{FFD451},
1634   tableOdd={HTML}{FFF9E5},
1635   tableEven={HTML}{FFECB3}}

```

\thesis@blocks@titlePage The style file redefines the cover and title page footers to include the thesis advisor's name and signature in case of a rigorous thesis. Along with the macros required by the locale file interface, the locale files need to define the following private macros:

\thesis@advisorSignature • \thesis@advisorSignature – The label of the advisor signature field type-set in the case of a rigorous thesis

```

1636 \def\thesis@blocks@titlePage@content{%
1637   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1638   {\thesis@titlePage@large\sc\thesis@@{typeName}}\vskip[0.3in]}
1639   {\thesis@titlePage@Large\bf\thesis@author}
1640   % If this is a rigorous thesis, typeset the name of the
1641   % thesis advisor.
1642   \ifx\thesis@type\thesis@rigorous%
1643     {\thesis@titlePage@large\vskip[0.3in]
1644     {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
1645     \fi}%
1646 \def\thesis@blocks@titlePage@footer{%
1647   {\thesis@titlePage@large\thesis@place, \thesis@@{semester}
1648   % If this is a rigorous thesis, create space for the advisor's
1649   % signature
1650   \ifx\thesis@type\thesis@rigorous%
1651     \let\@A\relax\newlength{\@A}
1652     \settowidth{\@A}{\thesis@@{advisorSignature}}
1653     \setlength{\@A}{\@A+1cm}

```

<sup>1</sup>See [https://www.fi.muni.cz/docs/BP\\_DP\\_na\\_FI.pdf](https://www.fi.muni.cz/docs/BP_DP_na_FI.pdf)

```

1654 \hfill\raisebox{-0.5em}{\parbox{\@A}{
1655 \centering
1656 \rule{\@A}{1pt}}\
1657 \thesis@{advisorSignature}
1658 }}
1659 \fi}}

```

`\thesis@blocks@declaration` The `\thesis@blocks@declaration` private macro typesets the declaration text. Compared to the definition within the `style/mu/base.sty` file, this private macro also typesets the advisor's name at the bottom of the page.

```

1660 \def\thesis@blocks@declaration{%
1661 \thesis@blocks@clear%
1662 \begin{alwaysssingle}%
1663 \chapter*{\thesis@{declarationTitle}}%
1664 \thesis@declaration%
1665 \vskip 2cm%
1666 \hfill\thesis@author%
1667 \par\vfill%
1668 \textbf{\thesis@{advisorTitle}:} \thesis@advisor%
1669 \par\vfil%
1670 \end{alwaysssingle}}

```

The style file defines the autolayout preamble as the cover and the title page followed by the assignment, declaration, acknowledgement, abstract, keywords, table of contents and list of tables and figures as a part of the front matter. All blocks beside `\thesis@titlePage` are defined in the `style/mu/base.sty` file.

```

1671 \def\thesis@preamble{%
1672 \thesis@blocks@cover%
1673 \thesis@blocks@titlePage%
1674 \thesis@blocks@frontMatter%
1675 \thesis@blocks@assignment%
1676 \thesis@blocks@declaration%
1677 \thesis@blocks@thanks%
1678 \thesis@blocks@clearRight%
1679 \thesis@blocks@abstract%
1680 \thesis@blocks@keywords%
1681 \thesis@blocks@tables%
1682 \thesis@blocks@mainMatter}

```

### 3.6.4 The style files of the Faculty of Science

#### 3.6.4.1 The `style/mu/fithesis3-sci.sty` file

This is the style file for the theses written at the Faculty of Science at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>2</sup>.

```

1683 \NeedsTeXFormat{LaTeX2e}
1684 \ProvidesPackage{fithesis3/style/mu/fithesis3-sci}[2015/05/02]

```

<sup>2</sup>See <http://www.sci.muni.cz/NW/predpisy/od/OD-2014-05.pdf>

The file defines the color used with the hyperlinks.

```
1685 \thesis@color@setup{
1686   links={HTML}{00AF3F},
1687   tableEmph={HTML}{00AF3F},
1688   tableOdd={HTML}{E0F5E8},
1689   tableEven={HTML}{B8E8C9}}
```

In addition to the main locale, the file also requires the Czech and English locales.

```
1690 \thesis@requireLocale{czech}
1691 \thesis@requireLocale{english}
```

The file loads the following packages:

- tikz – Used for dimension arithmetic.
- geometry – Used for the modifications of the type area dimensions.

```
1692 \thesis@require{tikz}
1693 \thesis@require{changepage}
```

`\thesis@blocks@bibEntry` The `\thesis@blocks@bibEntry` private macro typesets a bibliographical entry. Along with the macros required by the locale file interface, the locale files need to define the following private macros:

- |   |   |
|---|---|
| <code>\thesis@czech@bib@title</code>        | • <code>\thesis@czech@bib@title</code> – The title of the <code>\thesis@blocks@bib@title</code> block |
| <code>\thesis@czech@bib@author</code>       | • <code>\thesis@czech@bib@author</code> – The label of the author name entry                          |
| <code>\thesis@czech@bib@title</code>        | • <code>\thesis@czech@bib@title</code> – The label of the title name entry                            |
| <code>\thesis@czech@bib@programme</code>    | • <code>\thesis@czech@bib@programme</code> – The label of the programme name entry                    |
| <code>\thesis@czech@bib@field</code>        | • <code>\thesis@czech@bib@field</code> – The label of the field name entry                            |
| <code>\thesis@czech@bib@advisor</code>      | • <code>\thesis@czech@bib@advisor</code> – The label of the advisor name entry                        |
| <code>\thesis@czech@bib@academicYear</code> | • <code>\thesis@czech@bib@academicYear</code> – The label of the academic year entry                  |
| <code>\thesis@czech@bib@pages</code>        | • <code>\thesis@czech@bib@pages</code> – The label of the number of pages entry                       |
| <code>\thesis@czech@bib@keywords</code>     | • <code>\thesis@czech@bib@keywords</code> – The label of the keywords entry                           |

```
1694 \def\thesis@blocks@bibEntry{%
1695   \begin{alwaysingle}
1696     \chapter*{\thesis@czech@bib@title}
1697     {% Calculate the width of the columns
1698       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1699         \bf\thesis@czech@bib@author:}}
1700     \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1701       \bf\thesis@czech@bib@thesisTitle:}}
1702     \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1703       \bf\thesis@czech@bib@programme:}}
```

```

1704 \let\@D\relax\newlength{\@D}\settowidth{\@D}{\%
1705 \bf\thesis@czech@bib@field:}}
1706 % Unless this is a rigorous thesis, we will be typesetting the
1707 % name of the thesis advisor.
1708 \let\@E\relax\newlength{\@E}
1709 \ifx\thesis@type\thesis@rigorous%
1710 \setlength{\@E}{0pt}%
1711 \else%
1712 \settowidth{\@E}{\bf\thesis@czech@bib@advisor:}}
1713 \fi%
1714 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\%
1715 \bf\thesis@czech@bib@academicYear:}}
1716 \let\@G\relax\newlength{\@G}\settowidth{\@G}{\%
1717 \bf\thesis@czech@bib@pages:}}
1718 \let\@H\relax\newlength{\@H}\settowidth{\@H}{\%
1719 \bf\thesis@czech@bib@keywords:}}
1720 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1721 \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{\%
1722 max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1723 \let\@right\relax\newlength{\@right}\setlength{\@right}{\%
1724 \textwidth-\@left-\@skip}
1725 % Typeset the table
1726 \renewcommand{\arraystretch}{2}
1727 \begin{thesis@newtable@old}%
1728 {\@{}p{\@left}{\hskip\@skip}p{\@right}{@{}}
1729 \textbf{\thesis@czech@bib@author:} &
1730 \noindent\parbox[t]{\@right}{
1731 \thesis@author\\
1732 \thesis@czech@facultyName,
1733 \thesis@czech@universityName\\
1734 \thesis@department
1735 }\\
1736 \textbf{\thesis@czech@bib@thesisTitle:}
1737 & \thesis@title \\
1738 \textbf{\thesis@czech@bib@programme:}
1739 & \thesis@programme \\
1740 \textbf{\thesis@czech@bib@field:}
1741 & \thesis@field \\
1742 % Unless this is a rigorous thesis, typeset the name of the
1743 % thesis advisor.
1744 \ifx\thesis@type\thesis@rigorous\else%
1745 \textbf{\thesis@czech@bib@advisor:}
1746 & \thesis@advisor \\
1747 \fi
1748 \textbf{\thesis@czech@bib@academicYear:}
1749 & \thesis@academicYear \\
1750 \textbf{\thesis@czech@bib@pages:}
1751 & \thesis@pages \\
1752 \textbf{\thesis@czech@bib@keywords:}
1753 & \thesis@TeXkeywords \\

```



```

1754 \end{thesis@newtable@old}}
1755 \end{alwaysssingle}}

```

`\thesis@blocks@bibEntryEn` The `\thesis@blocks@bibEntryEn` private macro typesets a bibliographical entry in English. Along with the macros required by the locale file interface, the locale files need to define the following private macros:

- |   |  |
|---|--|
| <code>\thesis@english@bib@title</code>        | • <code>\thesis@english@bib@title</code> – The title of the <code>\thesis@blocks@bibEntryEn</code> block |
| <code>\thesis@english@bib@author</code>       | • <code>\thesis@english@bib@author</code> – The label of the author name entry                           |
| <code>\thesis@english@bib@title</code>        | • <code>\thesis@english@bib@title</code> – The label of the title name entry                             |
| <code>\thesis@english@bib@programme</code>    | • <code>\thesis@english@bib@programme</code> – The label of the programme name entry                     |
| <code>\thesis@english@bib@field</code>        | • <code>\thesis@english@bib@field</code> – The label of the field name entry                             |
| <code>\thesis@english@bib@advisor</code>      | • <code>\thesis@english@bib@advisor</code> – The label of the advisor name entry                         |
| <code>\thesis@english@bib@academicYear</code> | • <code>\thesis@english@bib@academicYear</code> – The label of the academic year entry                   |
| <code>\thesis@english@bib@pages</code>        | • <code>\thesis@english@bib@pages</code> – The label of the number of pages entry                        |
| <code>\thesis@english@bib@keywords</code>     | • <code>\thesis@english@bib@keywords</code> – The label of the keywords entry                            |

If the current locale is English, the macro produces no output.

```

1756 \def\thesis@blocks@bibEntryEn{%
1757   \ifthesis@english\else
1758     {\def\thesis@locale{english}
1759     \begin{alwaysssingle}
1760       % Start the new chapter without clearing the right page
1761       {\def\cleardoublepage{}%
1762       \chapter*{\thesis@english@bib@title}}%
1763       {% Calculate the width of the columns
1764       \let\@A\relax\newlength{\@A}\settowidth{\@A}{%
1765         \bf\thesis@english@bib@author:}%
1766       \let\@B\relax\newlength{\@B}\settowidth{\@B}{%
1767         \bf\thesis@english@bib@thesisTitle:}%
1768       \let\@C\relax\newlength{\@C}\settowidth{\@C}{%
1769         \bf\thesis@english@bib@programme:}%
1770       \let\@D\relax\newlength{\@D}\settowidth{\@D}{%
1771         \bf\thesis@english@bib@field:}%
1772       % Unless this is a rigorous thesis, we will be typesetting
1773       % the name of the thesis advisor.
1774       \let\@E\relax\newlength{\@E}
1775       \ifx\thesis@type\thesis@rigorous%
1776         \setlength{\@E}{0pt}%
1777       \else%
1778         \settowidth{\@E}{\bf\thesis@english@bib@advisor:}%
1779       \fi%

```

```

1780 \let\@F\relax\newlength{\@F}\settowidth{\@F}{\%
1781 \bf\thesis@english@bib@academicYear:}}
1782 \let\@G\relax\newlength{\@G}\settowidth{\@G}{\%
1783 \bf\thesis@english@bib@pages:}}
1784 \let\@H\relax\newlength{\@H}\settowidth{\@H}{\%
1785 \bf\thesis@english@bib@keywords:}}
1786 \let\@skip\relax\newlength{\@skip}\setlength{\@skip}{16pt}
1787 \let\@left\relax\newlength{\@left}\pgfmithsetlength{\@left}{\%
1788 max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
1789 \let\@right\relax\newlength{\@right}\setlength{\@right}{\%
1790 \textwidth-\@left-\@skip}
1791 % Typeset the table
1792 \renewcommand{\arraystretch}{2}
1793 \begin{thesis@newtable@old}%
1794 {\@{p}{\@left}{\hskip\@skip}p{\@right}{@{}}
1795 \textbf{\thesis@english@bib@author:} &
1796 \noindent\parbox[t]{\@right}{
1797 \thesis@author\\
1798 \thesis@english@facultyName,
1799 \thesis@english@universityName\\
1800 \thesis@departmentEn
1801 }\\
1802 \textbf{\thesis@english@bib@thesisTitle:}
1803 & \thesis@titleEn \\
1804 \textbf{\thesis@english@bib@programme:}
1805 & \thesis@programmeEn \\
1806 \textbf{\thesis@english@bib@field:}
1807 & \thesis@fieldEn \\
1808 % Unless this is a rigorous thesis, typeset the name of the
1809 % thesis advisor.
1810 \ifx\thesis@type\thesis@rigorous\else%
1811 \textbf{\thesis@english@bib@advisor:}
1812 & \thesis@advisor \\
1813 \fi
1814 \textbf{\thesis@english@bib@academicYear:}
1815 & \thesis@academicYear \\
1816 \textbf{\thesis@english@bib@pages:}
1817 & \thesis@pages \\
1818 \textbf{\thesis@english@bib@keywords:}
1819 & \thesis@TeXkeywordsEn \\
1820 \end{thesis@newtable@old}}
1821 \end{alwaysingle}
1822 }\fi}

```

\thesis@blocks@frontMatter The \thesis@blocks@frontMatter private macro sets up the style of the front matter front matter of the thesis. The front matter is typeset without any visible numbering, as mandated by the formal requirements of the faculty.

```

1823 \def\thesis@blocks@frontMatter{%
1824 \pagestyle{empty}
1825 \parindent 1.5em

```

```

1826 \setcounter{page}{1}
1827 \pagenumbering{roman}}

```

`\thesis@blocks@cover` The `\thesis@blocks@cover` private macro typesets the thesis cover.

```

1828 \def\thesis@blocks@cover{%
1829   \ifthesis@cover@
1830     \thesis@blocks@clear
1831     \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
1832     \begin{alwaysingle}
1833       \thispagestyle{empty}
1834       \begin{center}
1835         {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1836           \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1837           \thesis@titlePage@large\thesis@department}
1838       \vfill
1839       {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
1840       \vfill
1841       {\thesis@titlePage@large\thesis@place
1842        \thesis@year\hfill\thesis@author}
1843       \end{center}
1844     \end{alwaysingle}
1845     \ifthesis@twoside@\@twosidetrue\fi % Re-enable twoside
1846   \fi}

```

`\thesis@blocks@titlePage` The `\thesis@blocks@titlePage` private macro typesets the thesis title page. Depending on the value of the `\ifthesis@color@` conditional, the faculty logo is loaded from either `\thesis@logopath`, if false, or from `\thesis@logopath color/`, if true.

```

1847 \def\thesis@blocks@titlePage{%
1848   \edef\thesis@logopath@color{\thesis@logopath\ifthesis@color@ color/\fi}
1849   \thesis@blocks@clear
1850   \ifthesis@twoside@\@twosidefalse\fi % Temporarily disable twoside
1851   \begin{alwaysingle}
1852     \thispagestyle{empty}
1853     % The top of the page
1854     \begin{adjustwidth}{-12mm}{ }
1855       \begin{minipage}{30mm}
1856         \thesis@blocks@universityLogo@color[width=30mm]
1857       \end{minipage}\begin{minipage}{89mm}
1858         \begin{center}
1859           {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
1860             \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
1861             \thesis@titlePage@normalsize\thesis@department}
1862           \rule{\textwidth}{2pt}\vspace*{2mm}
1863         \end{center}
1864       \end{minipage}\begin{minipage}{30mm}
1865         \thesis@blocks@facultyLogo@color[width=30mm]
1866       \end{minipage}
1867     \end{adjustwidth}

```

```

1868 % The middle of the page
1869 \vfill
1870 {\bf\thesis@titlePage@Huge\thesis@TeXtitle\\[0.8em]}
1871 {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
1872 {\bf\thesis@titlePage@LARGE\thesis@author}\\
1873 \vfill\noindent
1874 % The bottom of the page
1875 {\bf\thesis@titlePage@normalsize%
1876 % Unless this is a rigorous thesis, typeset the name of the
1877 % thesis advisor.
1878 \ifx\thesis@type\thesis@rigorous\else%
1879 \thesis@czech@advisorTitle: \thesis@advisor\hfill%
1880 \fi%
1881 \thesis@place\ \thesis@year}
1882 \end{alwaysingle}
1883 \ifthesis@twoside@{\@twosidetrue\fi}} % Re-enable twoside

```

The style file defines the autolayout preamble as the cover and the title page followed by the bibliographic entry, the abstract assignment, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All the blocks beside `\thesis@blocks@bibEntry` and `\thesis@blocks@bibEntryEn` are defined in the `style/mu/base.sty` file. The entire front matter is typeset as though the locale were Czech in accordance with the formal requirements of the faculty.

```

1884 \def\thesis@preamble{%
1885   {\def\thesis@locale{czech}%
1886   \thesis@blocks@cover%
1887   \thesis@blocks@frontMatter%
1888   \thesis@blocks@titlePage%
1889   \thesis@blocks@clearRight%
1890   \thesis@blocks@bibEntry%
1891   \thesis@blocks@bibEntryEn%
1892   \thesis@blocks@abstract%
1893   \thesis@blocks@abstractEn%
1894   \thesis@blocks@assignment%
1895   \thesis@blocks@thanks%
1896   \thesis@blocks@declaration%
1897   \thesis@blocks@tables}%
1898   \thesis@blocks@mainMatter}

```

### 3.6.5 The style files of the Faculty of Arts

#### 3.6.5.1 The `style/mu/fithesis3-phil.sty` file

This is the style file for the theses written at the Faculty of Arts at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>3</sup>.

<sup>3</sup>See [https://is.muni.cz/auth/do/1421/4581421/Vzor\\_bakalarske\\_prace.pdf](https://is.muni.cz/auth/do/1421/4581421/Vzor_bakalarske_prace.pdf)

```

1899 \NeedsTeXFormat{LaTeX2e}
1900 \ProvidesPackage{fithesis3/style/mu/fithesis3-phil}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

1901 \thesis@color@setup{
1902   links={HTML}{00A1DE},
1903   tableEmph={HTML}{00A1DE},
1904   tableOdd={HTML}{E0F3FA},
1905   tableEven={HTML}{B8E4F5}}

```

The style file configures the title page header to include the department and the field name.

```

1906 \thesis@blocks@titlePage@department@true
1907 \thesis@blocks@titlePage@field@true

```

The style file defines the autolayout preamble as the cover and the title page followed by the declaration, acknowledgement table of contents and the optional list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file.

```

1908 \def\thesis@preamble{%
1909   \thesis@blocks@cover%
1910   \thesis@blocks@titlePage%
1911   \thesis@blocks@frontMatter%
1912   \thesis@blocks@declaration%
1913   \thesis@blocks@thanks%
1914   \thesis@blocks@tables%
1915   \thesis@blocks@mainMatter}

```

### 3.6.6 The style files of the Faculty of Education

#### 3.6.6.1 The style/mu/fithesis3-ped.sty file

This is the style file for the theses written at the Faculty of Education at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>4</sup>.

```

1916 \NeedsTeXFormat{LaTeX2e}
1917 \ProvidesPackage{fithesis3/style/mu/fithesis3-ped}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

1918 \thesis@color@setup{
1919   links={HTML}{FFA02F},
1920   tableEmph={HTML}{FFA02F},
1921   tableOdd={HTML}{FFF1E0},
1922   tableEven={HTML}{FFDEB7}}

```

In addition to the main locale, the file also requires the English locale.

```

1923 \thesis@requireLocale{english}

```

---

<sup>4</sup>See [https://is.muni.cz/do/ped/VPAN/pokdek/Pokyn\\_dekana\\_c.\\_1-2010\\_\\_2\\_.pdf](https://is.muni.cz/do/ped/VPAN/pokdek/Pokyn_dekana_c._1-2010__2_.pdf)

The style file configures the title page header to include the department name and the title page content to include advisor's name.

```

1924 \thesis@blocks@titlePage@department@true
1925 \def\thesis@blocks@titlePage@content{%
1926     {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}\vskip 0.8in
1927     {\thesis@titlePage@large\sc\thesis@{@{typeName}}\[\[0.3in]}
1928     {\thesis@titlePage@Large\bf\thesis@author}
1929     % Typeset the name of the thesis advisor.
1930     {\thesis@titlePage@large\[\[0.3in]
1931     {\bf\thesis@{@{advisorTitle}:} \thesis@advisor}}

```

`\thesis@blocks@bibEntry` The `\thesis@blocks@bibEntry` private macro typesets a bibliographical entry. Along with the macros required by the locale file interface, the *locale* files need to define the following private macros:

- `\thesis@locale@bib@title` – The title of the `\thesis@blocks@bib@title` block
- `\thesis@locale@bib@pages` – The abbreviation of pages used in the bibliographical entry

```

1932 \def\thesis@blocks@bibEntry{%
1933     \chapter*{\thesis@{@{bib@title}}}
1934     \noindent\thesis@upper{author@tail}, \thesis@author@head.
1935     \emph{\thesis@title}. \thesis@place: \thesis@{@{universityName}},
1936     \thesis@{@{facultyName}}, \thesis@department, \thesis@year.
1937     \thesis@pages\ \thesis@{@{bib@pages}}.
1938     \thesis@{@{advisorTitle}:} \thesis@advisor.}

```

The style file defines the autolayout preamble as the cover and the title page followed by the bibliographical entry, abstracts, keywords, declaration, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All blocks beside `\thesis@blocks@bibEntry` are defined in the `style/mu/base.sty` file.

```

1939 \def\thesis@preamble{%
1940     \thesis@blocks@cover%
1941     \thesis@blocks@titlePage%
1942     \thesis@blocks@frontMatter%
1943     \thesis@blocks@bibEntry%
1944     \thesis@blocks@clearRight%
1945     \thesis@blocks@abstract%
1946     \thesis@blocks@abstractEn%
1947     \thesis@blocks@keywords%
1948     \thesis@blocks@keywordsEn%
1949     \thesis@blocks@declaration%
1950     \thesis@blocks@thanks%
1951     \thesis@blocks@tables%
1952     \thesis@blocks@mainMatter}

```

### 3.6.7 The style files of the Faculty of Social Studies

#### 3.6.7.1 The style/mu/fithesis3-fss.sty file

This is the style file for the theses written at the Faculty of Social Studies at the Masaryk University in Brno. Because of the inexistence of faculty-wide formal requirements and recommendations with each department defining their own with varying degrees of rigour<sup>5</sup>, this style is a mere skeleton, which is unlikely to satisfy the exact requirements of any department and will require modification by the user.

```
1953 \NeedsTeXFormat{LaTeX2e}
1954 \ProvidesPackage{fithesis3/style/mu/fithesis3-fss}[2015/04/26]
```

The file defines the color used with the hyperlinks.

```
1955 \thesis@color@setup{
1956   links={HTML}{007B69},
1957   tableEmph={HTML}{007B69},
1958   tableOdd={HTML}{E3F1EE},
1959   tableEven={HTML}{B8DAD5}}
```

In addition to the main locale, the file also requires the English locale.

```
1960 \thesis@requireLocale{english}
```

The style file defines the autolayout preamble as the cover and the title page followed by the abstracts, keywords, assignment, declaration, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file.

```
1961 \def\thesis@preamble{%
1962   \thesis@blocks@cover%
1963   \thesis@blocks@titlePage%
1964   \thesis@blocks@frontMatter%
1965   \thesis@blocks@clearRight%
1966   \thesis@blocks@abstract%
1967   \thesis@blocks@abstractEn%
1968   \thesis@blocks@keywords%
1969   \thesis@blocks@keywordsEn%
1970   \thesis@blocks@assignment%
1971   \thesis@blocks@declaration%
1972   \thesis@blocks@thanks%
1973   \thesis@blocks@tables%
1974   \thesis@blocks@mainMatter}
```

---

<sup>5</sup>See <http://psych.fss.muni.cz/node/351>, <http://medzur.fss.muni.cz/informace-pro-studenty/pravidla-pro-diplomky/soubory/>  
[PravidlaprozaverecnepracenaKMSZ-ver.2-83.doc](http://soc.fss.muni.cz/?q=node/44), <http://soc.fss.muni.cz/?q=node/44>,  
<http://polit.fss.muni.cz/informace-pro-studenty/pol/>, <http://humenv.fss.muni.cz/studium/bakalarske-studium/pravidla-pro-vypracovani-bakalarske-prace>

### 3.6.8 The style files of the Faculty of Law

#### 3.6.8.1 The style/mu/fithesis3-law.sty file

This is the style file for the theses written at the Faculty of Law at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>6</sup>.

```
1975 \NeedsTeXFormat{LaTeX2e}
1976 \ProvidesPackage{fithesis3/style/mu/fithesis3-law}[2015/04/26]
```

The file defines the color used with the hyperlinks.

```
1977 \thesis@color@setup{
1978   links={HTML}{80379B},
1979   tableEmph={HTML}{80379B},
1980   tableOdd={HTML}{F0E7F3},
1981   tableEven={HTML}{D3BADC}}
```

In addition to the main locale, the file also requires the English locale.

```
1982 \thesis@requireLocale{english}
```

The style file configures the cover and title page headers to include only the faculty name and the department name. Along with the macros required by the locale file interface, the locale files need to define the following private macros:

- `\thesis@locale@facultyLongName` – The name of the faculty combined with the name of the university.

```
1983 \def\thesis@blocks@cover@header{%
1984   {\sc\thesis@titlePage@Large\thesis@@{facultyLongName}}\%
1985   \thesis@titlePage@large\thesis@department\\vskip 2em}}
1986 \let\thesis@blocks@titlePage@header=\thesis@blocks@cover@header
```

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private macro sets up the style of the front matter of the thesis. The page numbering is arabic as per the formal requirements.

```
1987 \def\thesis@blocks@frontMatter{%
1988   \thesis@blocks@clear
1989   \pagestyle{plain}
1990   \parindent 1.5em
1991   \setcounter{page}{1}
1992   \pagenumbering{arabic}}
```

`\thesis@blocks@mainMatter` The `\thesis@blocks@mainMatter` private macro sets up the style of the main matter of the thesis. The page numbering doesn't reset at the beginning of the main thesis as per the formal requirements.

```
1993 \def\thesis@blocks@mainMatter{%
1994   \thesis@blocks@clear
1995   \pagestyle{thesisheadings}
1996   \parindent 1.5em\relax}
```

---

<sup>6</sup>See <https://is.muni.cz/do/law/ud/predp/smer/S-07-2012.pdf>



The style file defines the autolayout preamble as the cover and the title page followed by the declaration, abstracts, keywords, acknowledgement, table of contents and list of tables and figures as a part of the front matter. All blocks are defined in the `style/mu/base.sty` file.

```
1997 \def\thesis@preamble{%
1998   \thesis@blocks@cover%
1999   \thesis@blocks@titlePage%
2000   \thesis@blocks@frontMatter%
2001   \thesis@blocks@declaration%
2002   \thesis@blocks@clearRight%
2003   \thesis@blocks@abstract%
2004   \thesis@blocks@abstractEn%
2005   \thesis@blocks@keywords%
2006   \thesis@blocks@keywordsEn%
2007   \thesis@blocks@thanks%
2008   \thesis@blocks@tables%
2009   \thesis@blocks@mainMatter}
```

The style file defines the autolayout postamble as the assignment. This block is defined in the `style/mu/base.sty` file.

```
2010 \def\thesis@postamble{%
2011   \thesis@blocks@assignment}
```

### 3.6.9 The style files of the Faculty of Economics and Administration

#### 3.6.9.1 The `style/mu/fithesis3-econ.sty` file

This is the style file for the theses written at the Faculty of Economics and Administration at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>7</sup>.

```
2012 \NeedsTeXFormat{LaTeX2e}
2013 \ProvidesPackage{fithesis3/style/mu/fithesis3-econ}[2015/04/26]
```

The file defines the color used with the hyperlinks.

```
2014 \thesis@color@setup{
2015   links={HTML}{7C211E},
2016   tableEmph={HTML}{7C211E},
2017   tableOdd={HTML}{EFE4E3},
2018   tableEven={HTML}{DAC1BF}}
```

In addition to the main locale, the file also requires the English locale.

```
2019 \thesis@requireLocale{english}
```

The file loads the following packages:

- `tikz` – Used for dimension arithmetic.
- `geometry` – Allows for modifications of the type area dimensions.

---

<sup>7</sup>See <https://is.muni.cz/auth/do/econ/predpisy/smernice/prehled/45931363/Smernice2014-9.pdf>

In addition to this, the type area width is set to 16 cm in accordance with the formal requirements of the faculty. This leads to overfull lines and is against the good conscience of the author of this style.

```
2020 \thesis@require{tikz}
2021 \thesis@require{geometry}
2022 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

`\thesis@blocks@cover` The `\thesis@blocks@cover` private macro typesets the thesis cover.

```
2023 \def\thesis@blocks@cover{%
2024   \ifthesis@cover@
2025     \thesis@blocks@clear
2026     \begin{alwaysingle}
2027       \thispagestyle{empty}
2028       \begin{center}
2029         {\sc\thesis@titlePage@LARGE\thesis@@{universityName}}\%
2030         \thesis@titlePage@Large\thesis@@{facultyName}}\%
2031         \vfill
2032         {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2033         \vfill
2034         {\thesis@titlePage@large\thesis@place
2035          \ \thesis@year\hfill\thesis@author}
2036       \end{center}
2037     \end{alwaysingle}
2038   \fi}
```

The style file configures the title page header to include the name of the field of study and redefines the title page content not to include the author's name and the title page footer to include both the author's and advisor's name, the year and place of the thesis defense as per the requirements of the faculty.

```
2039 \thesis@blocks@titlePage@field@true
2040 \def\thesis@blocks@titlePage@content{%
2041   {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2042   \ifthesis@english\else
2043     {\ll[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
2044   \fi {\ll[0.3in]\thesis@titlePage@large\sc\thesis@@{typeName}}\%
2045 \def\thesis@blocks@titlePage@footer{%
2046   {\thesis@titlePage@large
2047     {% Calculate the width of the thesis author and advisor boxes
2048       \let\@A\relax\newlength{\@A}\settowidth{\@A}{\%
2049         \bf\thesis@@{advisorTitle}:}}
2050       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2051       \let\@C\relax\newlength{\@C}\settowidth{\@C}{\%
2052         \bf\thesis@@{authorTitle}:}}
2053       \let\@D\relax\newlength{\@D}\settowidth{\@D}{\thesis@author}
2054       \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{\%
2055         max(\@A,\@B)}
2056       \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{\%
2057         max(\@C,\@D)}
2058       % Typeset the thesis author and advisor boxes
```

```

2059 \vskip 2in\begin{minipage}[t]{\@left}
2060 {\bf\thesis@{advisorTitle}:}\\\thesis@advisor
2061 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2062 {\bf\thesis@{authorTitle}:}\\\thesis@author
2063 \end{minipage}}\\\[4em]\thesis@place, \thesis@year}}

```

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private macro sets up the style of the front matter of the thesis. The page numbering is arabic as per the formal requirements and it is hidden. In case of double-sided typesetting, the geometry is altered according to the requirements of the faculty.

```

2064 \def\thesis@blocks@frontMatter{%
2065 \thesis@blocks@clear
2066 % In case of double-sided typesetting, change the geometry
2067 \ifthesis@twoside@
2068 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2069 right=15mm, includeheadfoot}
2070 \fi\pagestyle{empty}
2071 \parindent 1.5em
2072 \setcounter{page}{1}
2073 \pagenumbering{arabic}}

```

`\thesis@blocks@mainMatter` The `\thesis@blocks@mainMatter` private macro sets up the style of the main matter of the thesis. The page numbering doesn't reset at the beginning of the main thesis as per the formal requirements.

```

2074 \def\thesis@blocks@mainMatter{%
2075 \thesis@blocks@clear
2076 \pagestyle{thesisheadings}
2077 \parindent 1.5em\relax}

```

`\thesis@blocks@toc` The `\thesis@blocks@toc` private macro typesets the table of contents.

```

2078 \def\thesis@blocks@toc{%
2079 \thesis@blocks@clear%
2080 \tableofcontents}
2081 % \end{macro}\begin{macro}{\thesis@blocks@tables}
2082 % The |\thesis@blocks@tables| private macro optionally typesets the
2083 % |\listoftables| and |\listoffigures|.
2084 % \begin{macrocode}
2085 \def\thesis@blocks@tables{%
2086 \thesis@blocks@clear%
2087 \thesis@blocks@lot%
2088 \thesis@blocks@lof}

```

The style file defines the autolayout preamble as the cover and the title page followed by the abstracts, keywords, declaration, acknowledgement and table of contents. All blocks are defined in the `style/mu/base.sty` file, although some are redefined in this file.

```

2089 \def\thesis@preamble{%
2090 \thesis@blocks@cover%
2091 \thesis@blocks@frontMatter%

```

```

2092 \thesis@blocks@titlePage%
2093 \thesis@blocks@assignment%
2094 \thesis@blocks@clearRight%
2095 \thesis@blocks@abstract%
2096 \thesis@blocks@abstractEn%
2097 \thesis@blocks@keywords%
2098 \thesis@blocks@keywordsEn%
2099 \thesis@blocks@declaration%
2100 \thesis@blocks@thanks%
2101 \thesis@blocks@toc%
2102 \thesis@blocks@mainMatter}

```

The style file defines the autolayout postamble as the list of tables and the list of figures. All blocks are defined in the style/mu/base.sty file, although some are redefined in this file.

```

2103 \def\thesis@postamble{%
2104 \thesis@blocks@tables}

```

### 3.6.10 The style files of the Faculty of Medicine

#### 3.6.10.1 The style/mu/fithesis3-med.sty file

This is the style file for the theses written at the Faculty of Medicine at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the Department of Optometry and Orthoptics<sup>8</sup>.

```

2105 \NeedsTeXFormat{LaTeX2e}
2106 \ProvidesPackage{fithesis3/style/mu/fithesis3-med}[2015/04/27]

```

The file defines the color used with the hyperlinks.

```

2107 \thesis@color@setup{
2108 links={HTML}{F2532D},
2109 tableEmph={HTML}{F2532D},
2110 tableOdd={HTML}{FFE3E5},
2111 tableEven={HTML}{FFBFC2}}

```

In addition to the main locale, the file also requires the English locale.

```

2112 \thesis@requireLocale{english}

```

The file loads the following packages:

- tikz – Used for dimension arithmetic.
- geometry – Allows for modifications of the type area dimensions.
- setspace – Allows for line height modifications.

In addition to this, the type area width is set to 16 cm in accordance with the formal requirements of the faculty. This leads to overfull lines and is against the good conscience of the author of this style.

```

2113 \thesis@require{tikz}

```

---

<sup>8</sup>See [https://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI\\_ZAVERECNE\\_PRACE.doc](https://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI_ZAVERECNE_PRACE.doc)

```

2114 \thesis@require{geometry}
2115 \thesis@require{setspace}
2116 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}

```

\thesis@blocks@cover The \thesis@blocks@cover private macro typesets the thesis cover.

```

2117 \def\thesis@blocks@cover{%
2118   \ifthesis@cover@
2119     \thesis@blocks@clear
2120     \begin{alwaysingle}
2121       \thispagestyle{empty}
2122       \begin{center}
2123         {\sc\thesis@titlePage@LARGE\thesis@{@{universityName}}\\%
2124          \thesis@titlePage@Large\thesis@{@{facultyName}}\\}
2125         \vfill
2126         {\bf\thesis@titlePage@Huge\thesis@{@{typeName}}}%
2127         \vfill
2128         {\thesis@titlePage@large\thesis@place
2129          \ \thesis@year\hfill\thesis@author}
2130       \end{center}
2131     \end{alwaysingle}
2132   \fi}
2133 % \end{macro}
2134 % The style file redefines the title page content
2135 % not to include the author's name and the title page footer
2136 % to include both the author's and advisor's name, the field of
2137 % study and the semester and place of the thesis defense as per
2138 % the requirements of the department.
2139 % \begin{macrocode}
2140 \def\thesis@blocks@titlePage@content{%
2141   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
2142   {\thesis@titlePage@large{\sc\thesis@{@{typeName}}\\}}
2143 \def\thesis@blocks@titlePage@footer{%
2144   {\thesis@titlePage@large
2145     {% Calculate the width of the thesis author and advisor boxes
2146       \let\@A\relax\nnewlength{\@A}\settowidth{\@A}{%
2147         \bf\thesis@{@{advisorTitle}:}}
2148       \let\@B\relax\nnewlength{\@B}\settowidth{\@B}{\thesis@advisor}
2149       \let\@C\relax\nnewlength{\@C}\settowidth{\@C}{%
2150         \bf\thesis@{@{authorTitle}:}}
2151       \let\@D\relax\nnewlength{\@D}\settowidth{\@D}{\thesis@author}
2152       \let\@E\relax\nnewlength{\@E}\settowidth{\@E}{%
2153         \bf\thesis@{@{fieldTitle}:}}
2154       \let\@F\relax\nnewlength{\@F}\settowidth{\@F}{\thesis@field}
2155       \let\@left\relax\nnewlength{\@left}\pgfmathsetlength{\@left}{%
2156         max(\@A,\@B)}
2157       \let\@right\relax\nnewlength{\@right}\pgfmathsetlength{\@right}{%
2158         max(\@C,\@D,\@E,\@F)}
2159       % Typeset the thesis author and advisor boxes
2160       \vskip 2in\begin{minipage}[t]{\@left}
2161         {\bf\thesis@{@{advisorTitle}:}}\\thesis@advisor

```

```

2162 \end{minipage}\hfill\begin{minipage}[t]{\@right}
2163 {\bf\thesis@{authorTitle}:}\thesis@author
2164 \[\1em]{\bf\thesis@{fieldTitle}:}\thesis@field
2165 \end{minipage}}\[\4em]\thesis@place, \thesis@{semester}}

```

`\thesis@blocks@frontMatter` The `\thesis@blocks@frontMatter` private macro sets up the style of the front matter of the thesis. The page numbering is arabic as per the formal requirements and it is hidden. In case of double-sided typesetting, the geometry is altered according to the requirements of the faculty.

```

2166 \def\thesis@blocks@frontMatter{%
2167 \thesis@blocks@clear
2168 % In case of double-sided typesetting, change the geometry
2169 \ifthesis@twoside@
2170 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2171 right=15mm, includeheadfoot}
2172 \fi\pagestyle{empty}
2173 \parindent 1.5em
2174 \setcounter{page}{1}
2175 \pagenumbering{arabic}}

```

`\thesis@blocks@bibEntry` The `\thesis@blocks@bibEntry` private macro typesets a bibliographical entry. Along with the macros required by the locale file interface, the *locale* files need to define the following private macros:

- `\thesis@locale@bib@title` – The title of the `\thesis@blocks@bib@title` block
- `\thesis@locale@bib@pages` – The abbreviation of pages used in the bibliographical entry

```

2176 \def\thesis@blocks@bibEntry{%
2177 \chapter*{\thesis@{bib@title}}
2178 \noindent\thesis@upper{author@tail}, \thesis@author@head.
2179 \emph{\thesis@title}. \thesis@place: \thesis@{universityName},
2180 \thesis@{facultyName}, \thesis@department, \thesis@year.
2181 \thesis@pages\thesis@{bib@pages}.
2182 \thesis@{advisorTitle}: \thesis@advisor.}

```

The style file defines the autolayout preamble as the cover and the title page followed by the annotation, bibliographical entry, declaration, acknowledgement table of contents and the optional list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file, although some are redefined in this file.

```

2183 \def\thesis@preamble{%
2184 \thesis@blocks@cover%
2185 \thesis@blocks@frontMatter%
2186 \thesis@blocks@titlePage%
2187 \onehalfspacing%
2188 \thesis@blocks@clearRight%

```

```

2189 \thesis@blocks@abstract%
2190 \thesis@blocks@abstractEn%
2191 \thesis@blocks@keywords%
2192 \thesis@blocks@keywordsEn%
2193 \thesis@blocks@bibEntry%
2194 \thesis@blocks@declaration%
2195 \thesis@blocks@thanks%
2196 \thesis@blocks@tables%
2197 \thesis@blocks@mainMatter}

```

### 3.6.11 The style files of the Faculty of Sports Studies

#### 3.6.11.1 The style/mu/fithesis3-fss.sty file

This is the style file for the theses written at the Faculty of Sports Studies at the Masaryk University in Brno. It has been prepared in accordance with the formal requirements published at the website of the faculty<sup>9</sup>.

```

2198 \NeedsTeXFormat{LaTeX2e}
2199 \ProvidesPackage{fithesis3/style/mu/fithesis3-fss}[2015/04/26]

```

The file defines the color used with the hyperlinks.

```

2200 \thesis@color@setup{
2201   links={HTML}{BBC7DD},
2202   tableEmph={HTML}{0042BA},
2203   tableOdd={HTML}{E4E9F1},
2204   tableEven={HTML}{BBC7DD}}

```

The style file configures the title page header to include the field name.

```

2205 \thesis@blocks@titlePage@field@true

```

The style file defines the autolayout preamble as the cover and the title page followed by the declaration, acknowledgement table of contents and the optional list of tables and figures as a part of the front matter. All blocks are defined in the style/mu/base.sty file.

```

2206 \def\thesis@preamble{%
2207   \thesis@blocks@cover%
2208   \thesis@blocks@titlePage%
2209   \thesis@blocks@frontMatter%
2210   \thesis@blocks@declaration%
2211   \thesis@blocks@thanks%
2212   \thesis@blocks@tables%
2213   \thesis@blocks@mainMatter}

```

---

<sup>9</sup>See [http://www.fsp.s.muni.cz/~korvas/pokyny\\_k\\_zaverecne\\_praci.doc](http://www.fsp.s.muni.cz/~korvas/pokyny_k_zaverecne_praci.doc)

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## Change History

v0.0	General: bachelor project of Daniel Marek under supervision of Petr Sojka .....	173	v0.2.01	General: add subsubsection to toc [JP] .....	173
v0.0a	General: changes by Jan Pavlovič to allow fithesis being backend of docbook based system for thesis writing .....	173	v0.2.02	General: fix encoding bug [JP] ...	173
v0.1	General: new release, documentation editing (CZ only, sorry) [PS]	173	v0.2.03	General: fix title spacing [PS, JP] ..	173
v0.1a	General: minor documentation changes (CZ only, sorry) [PS] .	173	v0.2.04	General: fix SK declaration [Peter Cerensky, JP] .....	173
v0.1b	General: change of default size (11pt→12pt) [JP] .....	173	v0.2.05	General: add English abstract [JP] .	173
v0.1c	General: default values of \facultyname and \@thesissubtitle set for backward compatibility) [PS] ....	173	v0.2.06	General: fix : behind Advisor [JP] .	173
v0.1d	General: removed def schapter from fit1*.clo [JP] .....	173	v0.2.07	General: escape all Czech letters [JP] babel is used instead of stupid package czech [JP] \MainMatter should be placed after \tablesofcontents [PS]	173
v0.1e	General: add Brno to MU title [JP]	173	v0.2.08	General: add change of University name [JP] .....	173
v0.1f	General: add documentation for hyperref [JP] .....	173	v0.2.09	General: add EN version of University name [JP] .....	173
v0.1g	General: change of default size (12pt→11pt) [JP] .....	173	v0.2.10	General: fix EN name of Acknowledgement [JP] .....	173
v0.2.00	General: add sk lang [JP, Peter Cerensky] set default cls class to rapport3 [JP] .....	173	v0.2.11	General: fix missing fi-logo.mf [JP,PS] .....	173
			v0.2.12	General: Licence change to the LPPL [JP] .....	173
			v0.2.12a	General: fork fithesis2 by Mr. Filipčík and Janoušek; cf. <a href="https://github.com/liskin/fithesis">https://github.com/liskin/fithesis</a>	173

v0.3.00	General: fi logo is no longer special-cased (added eps and pdf), \thesislogopath added to set the logo directory path, \thesiscolor added to enable colorful typo elements [VN] . 173	v0.3.06	General: Added the colorx package and the base colors for each faculty. If the color option is specified, the tabular environment gets redefined and uses the faculty colors to color alternating table rows to improve readability. The hyperref links in the e-version are now likewise colored according to the chosen faculty, in this case regardless of the presence of the color option. Dropped the support for typesetting theses outside MU. [VN] 173
v0.3.01	General: documentation now uses babel and cmap packages. the entire file was transcoded into utf8, \thesiscolor was replaced by color class option, added pdf metadata stamping support [VN] ..... 173	v0.3.07	General: Replaced the \thesiswoman command with \thesisgender. [VN] ..... 173
v0.3.02	General: pdf metadata stamping added for \thesistitle and \thesisstudent [VN] ..... 173	v0.3.08	General: Fixed a non-terminated \if condition. [VN] (backport of v0.2.18) Fixed mostly documentation errors reported at the new fithesis discussion forum (-ti, eco→econ, implicit twocolumn, example extended (font setup), etc.). [PS] (backport of v0.2.17) 173
v0.3.03	General: Small fixes (added \relax at \MainMatter), generating both fithesis.cls (obsolete, loading fithesis2.cls) and fithesis2.cls, minor doc edits, version numbering of .clo fixed, switch to utf8 and ensuring that .dtx compiles. Documentation adjusted to the status quo, added link to discussion forum (backport of v0.2.14) [PS] 173	v0.3.09	General: A complete refactoring of the class. The class was decomposed into a base class, locale files and style files. [VN] .... 173
v0.3.04	General: Import the url package to allow for the use of \url within the documentation. (backport of v0.2.15@r13) [VN] ..... 173	v0.3.10	General: Fixed a typo in the technical documentation. Updated the <i>Advanced usage</i> chapter of the user guide. The required packages listed in Section 2.2 of the user guide are now always correct. Adjusted the footer spacing in the styles of econ and fi. Added <i>Advanced usage</i> chapter to the user guide. Added the description of basic options into the user guide. Added the table and oldtable options. Added the type field to the guide for completeness. [VN] ..... 173
v0.3.05	General: Added support for change typesetting. Restructured the code to make it more amenable to literal programming. Added support for \CodelineIndex typesetting. Added information about the usage of fithesis1 and fithesis2 on the FI unix machines. (backport of v0.2.16) [VN] Minor changes throughout the text, added a link to the the fithesis forums [PS] (backport of v0.2.15@r14:15) ..... 173		