# The fithesis3 class for the typesetting of theses written at the Masaryk University 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

\thesis@backend

The class requires the class specified in \thesis@backend, whose default value is [a4paper]{rapport3}. If a different base class is desired, it can be specified by redefining \thesis@backend prior to loading the fithesis3 class.

```
1 \ProvidesClass{fithesis3}[\thesis@version]
2 \ifx\thesis@backend\undefined
3 \def\thesis@backend{[a4paper]{rapport3}}
4 \fi\expandafter\LoadClass\thesis@backend
```

The class also requires 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.
- Itxcmds Implements several commands from the LATEX kernel. Used for the \ltx@ifpackageloaded command, which – unlike its \@ifpackageloaded counterpart – can be used outside the preamble.
- ifxetex Used to detect the X<sub>7</sub>T<sub>F</sub>X engine.
- ifluatex Used to detect the LuaTEX engine.
- inputenc Used to enable the input UTF-8 encoding. This package does not get loaded under the X¬TFX and LuaTFX engines.

The hyperref package is also conditionally loaded during the expansion of the \thesis@load macro (see Section 2.4). Other packages may be required by the style files (see Section 3.5) you are using.

```
5 \RequirePackage{keyval}
6 \RequirePackage{etoolbox}
7 \RequirePackage{ltxcmds}
8 \RequirePackage{ifxetex}
9 \RequirePackage{ifluatex}
10 \ifxetex\else\ifluatex\else
11 \RequirePackage[utf8]{inputenc}
12 \fi\fi
```

# 2 Public API

# 2.1 Options

Any  $[\langle options \rangle]$  passed to the class will be handed down to the loaded style files. The supported options are therefore documented in the subsections of Section 3.5

dedicated to the respective style files. At the moment, all options are processed by the style/mu/fithesis-base.sty style file documented in Section 3.5.2.2.

### The \thesissetup macro

\thesissetup

The main public macro is the  $\t issetup{\langle keyvals \rangle}$  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 LATEX document. When used, the *keyvals* are processed.

```
13 \long\def\thesissetup#1{%
14 \setkeys{thesis}{#1}}
```

#### 2.2.1 The basePath key

\thesis@basepath

The  $\{\langle basePath=path \rangle\}$  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 \thesis@basepath macro, whose implicit value is fithesis/.

```
15 \def\thesis@basepath{fithesis/}
16 \define@key{thesis}{basePath}{%
   \ifx\thesis@empty#1\thesis@empty
     \def\thesis@basepath{}%
19 \else
     \def\thesis@basepath{#1/}%
20
21 \fi}
```

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

The  $\{\langle logoPath=path \rangle\}$  pair sets the path containing the logo files, which is used by the style files to load the university and faculty logos. The path is normalized using the \thesis@subdir macro and stored within the \thesis@logopath macro, whose implicit value is \thesis@basepath followed by logo/\thesis@university/. By default, this expands to fithesis/logo/mu/.

```
22\def\thesis@logopath{\thesis@basepath logo/\thesis@university/}
23 \define@key{thesis}{logoPath}{%
   \def\thesis@logopath{\thesis@subdir#1%
25
      \empty\empty\empty}}
```

### \thesis@stylepath 2.2.3 The stylePath key

The  $\{\langle stylePath=path \rangle\}$  pair sets the path containing the style files. The path is normalized using the \thesis@subdir macro and stored within the \thesis@stylepath macro, whose implicit value is \thesis@basepath style/. By default, this expands to fithesis/style/.

```
26 \def\thesis@stylepath{\thesis@basepath style/}
27 \define@key{thesis}{stylePath}{%
28  \def\thesis@stylepath{\thesis@subdir#1%
29  \empty\empty\empty}}
```

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

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

```
30 \def\thesis@localepath{\thesis@basepath locale/}
31 \define@key{thesis}{localePath}{%
32  \def\thesis@localepath{\thesis@subdir#1%
33  \empty\empty\empty\}
```

\thesis@subdir

The \thesis@subdir macro returns / unchanged, coerces ., .., /path, ./path and ../path to ./, ../, /path/, ./path/ and ../path/, respectively, and prefixes any other path with \thesis@basepath.

```
34 \def\thesis@subdir#1#2#3#4\empty{%
   \ifx#1\empty%
                             <empty> -> <basepath>
      \thesis@basepath
37
      \if#1/%
38
                                    / -> /
        \ifx#2\empty%
39
40
          /%
                             /<path> -> /<path>/
41
        \else%
          #1#2#3#4/%
42
43
        \fi
      \else
44
        \if#1.%
45
          \ifx#2\empty%
                                    . -> ./
46
             ./%
47
          \else
48
            \if#2.%
49
              \ifx#3\empty%
                                   .. -> ../
51
                 ../%
               \else
52
                           ../<path> -> ../<path>/
                 \if#3/%
53
54
                   ../#4/%
55
                 \else
                   \thesis@basepath#1#2#3#4/%
56
                 \fi
57
              \fi
58
            \else
59
              \if#2/%
                             ./<path> -> ./<path>/
60
                 ./#3#4/%
61
               \else
```

```
\thesis@basepath#1#2#3#4/%
63
               \fi
64
             \fi
65
           \fi
66
         \else
67
68
           \thesis@basepath#1#2#3#4/%
69
         \fi
      \fi
70
    \fi}
71
```

\thesis@def

The  $\theta = \frac{\langle key \rangle}{\langle name \rangle}$  macro defines the  $\theta = \frac{\langle key \rangle}{\langle name \rangle}$ pand to either «key», if specified, or to «name». The macro serves to provide placeholder strings for macros with no default value.

```
72 \newcommand{\thesis@def}[2][]{%
   \expandafter\def\csname thesis@#2\endcsname{%
      <<\ifx\thesis@empty#1\thesis@empty#2\else#1\fi>>}}
74
```

### \thesis@declaration 2.2.5 The declaration key

The  $\{\langle declaration = text \rangle\}$  pair sets the declaration text to be included into the document. The text is stored within the \thesis@declaration macro, whose implicit value is \thesis@@{declaration}.

```
75 \def\thesis@declaration{\thesis@@{declaration}}
76 \long\def\KV@thesis@declaration#1{%
77 \long\def\thesis@declaration{#1}}
```

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

The  $\{\langle gender=char \rangle\}$  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.

```
78 \newif\ifthesis@woman\thesis@womanfalse
79 \define@key{thesis}{gender}{%
   \def\thesis@male{m}%
   \def\thesis@arg{#1}%
82 \ifx\thesis@male\thesis@arg
     \thesis@womanfalse
84 \else
     \thesis@womantrue
   \fi}
```

### \thesis@author 2.2.7 The author key

\thesis@parseAuthor

The  $\{\langle author=name \rangle\}$  pair sets the author's full name to name. The name is parsed using the \thesis@parseAuthor macro and stored within the following 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.

The standard LATEX \author macro also sets this key.

```
87 \def\thesis@parseAuthor#1{%
```

- \def\thesis@author{#1}%
- $\ensuremath{\tt @gobble\thesis@head\#1 \relax}\%$ 90
- 91 \def\thesis@author@tail{\thesis@tail#1 \relax}}
- 92 \thesis@def{author}%
- 93 \thesis@def[author]{author@head}%
- 94 \thesis@def[author]{author@tail}%
- 95 \define@key{thesis}{author}{%
- 96 \thesis@parseAuthor{#1}}
- 97 \let\author\thesis@parseAuthor

### \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 the unique identifier of the author within the information system of the given university.

```
98 \thesis@def{id}
99 \define@key{thesis}{id}{%
100 \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>			
Seminar paper	sem			
Bachelor's thesis	bc			
Master's thesis	mgr			
Doctoral thesis	d			
Rigorous thesis	r			

The *type* is stored within the \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@sempaper, \thesis@bachelors, \thesis@masters, \thesis@doctoral and \thesis@rigorous macros containing the corresponding

\thesis@sempaper \thesis@bachelors \thesis@masters \thesis@doctoral \thesis@rigorous

*type* values are available as a part of the private API.

```
101 \def\thesis@sempaper{sem}
102 \def\thesis@bachelors{bc}
103 \def\thesis@masters{mgr}
104 \def\thesis@doctoral{d}
105 \def\thesis@rigorous{r}
106 \let\thesis@type\thesis@bachelors
107 \define@key{thesis}{type}{%
108 \def\thesis@type{#1}}
```

# \thesis@university 2.2.10 The university key

The  $\{\langle university = identifier \rangle\}$  pair sets the identifier of the university, at which the thesis is being written, to *identifier*. The *identifier* is stored within the \thesis@university macro, whose implicit value is mu. This value corresponds to the Masaryk University in Brno.

```
109 \def\thesis@university{mu}
110 \define@key{thesis}{university}{%
111 \def\thesis@university{#1}}
```

### \thesis@faculty 2.2.11 The faculty key

The { $\langle faculty=identifier \rangle$ } pair sets the faculty, at which the thesis is being written, to *domain*. The following faculty *identifiers* are recognized at the Masaryk University in Brno:

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

```
112 \def\thesis@faculty{fi}
113 \define@key{thesis}{faculty}{%
114 \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. Unlike the university and faculty identifiers, fithesis3 does not prescribe the format of the *name*; the style files may internally parse it, or typeset it as-is. The *name* is stored within the \thesis@department macro.

```
115 \thesis@def{department}
116 \define@key{thesis}{department}{%
117 \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 \thesis@departmentEn macro.

```
118 \thesis@def{departmentEn}
119 \define@key{thesis}{departmentEn}{%
120 \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. Unlike the university and faculty identifiers, the programme name is only used for typesetting and it should therefore be specified in plain language with optional TFX macros. The *name* is stored within the \thesis@programme macro.

```
121 \thesis@def{programme}
122 \define@key{thesis}{programme}{%
123 \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 \thesis@programmeEn macro.

```
124 \thesis@def{programmeEn}
125 \define@key{thesis}{programmeEn}{%
126 \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. Unlike the university and faculty identifiers, the *name* of the field of study is only used for typesetting and it should therefore be specified in plain language with optional TeX macros. The *name* is stored within the \thesis@field macro.

```
127 \thesis@def{field}
```

```
128 \define@key{thesis}{field}{%
129 \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 stufy to *name*. The *name* is stored within the \thesis@fieldEn macro.

```
130 \thesis@def{fieldEn}
131 \define@key{thesis}{fieldEn}{%
132 \def\thesis@fieldEn{#1}}
```

### \thesis@universityLogo 2.2.18 The universityLogo key

The {\langle universityLogo=filename \rangle} pair sets the filename of the logo file to be used as the university logo to filename. The filename is stored within the \thesis@universityLogo macro, whose implicit value is fithesis-base. The fithesis- prefix serves to prevent package clashes with other similarly named files within the TeX directory structure. The logo file is loaded from the \thesis@logopath\thesis@universityLogo path.

```
133 \def\thesis@universityLogo{fithesis-base}
134 \define@key{thesis}{universityLogo}{%
135 \def\thesis@universityLogo{#1}}
```

### \thesis@facultyLogo 2.2.19 The facultyLogo key

The {\(\faculty\Logo=\)filename\(\)} pair sets the filename of the logo file to be used as the faculty logo to filename. The filename is stored within the \thesis@ facultyLogo macro, whose implicit value is fithesis-\thesis@faculty. The fithesis- prefix serves to prevent package clashes with other similarly named files within the TEX directory structure. The logo file is loaded from the \thesis@logopath\thesis@facultyLogo path.

```
136 \def\thesis@facultyLogo{fithesis-\thesis@faculty}
137 \define@key{thesis}{facultyLogo}{%
138 \def\thesis@facultyLogo{#1}}
```

### \thesis@style 2.2.20 The style key

The  $\{\langle style=filename \rangle\}$  pair sets the filename of the style file to be used to *filename*. The *filename* is stored within the \thesis@style macro, whose implicit value is \thesis@university/fithesis-\thesis@faculty. When the filename is an empty token string, no style files will be loaded during the main routine (see Section 2.4).

```
139 \def\thesis@style{\thesis@university/fithesis-\thesis@faculty}
140 \define@key{thesis}{style}{%
141 \def\thesis@style{#1}}
```

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

The  $\{\langle \text{styleInheritance} = bool \rangle\}$  pair either enables, if bool is true or unspecified, or disables the inheritance for style files. The setting affects the function of the \thesis@requireStyle macro (see Section 3.1) and can be tested using the \ifthesis@style@inheritance ...\fi conditional. Inheritance is enabled for style files by default.

```
{\tt 142 \ hewif\ if the sis@style@inheritance\ the sis@style@inheritancetrue}
143 \define@key{thesis}{styleInheritance}[true]{%
144 \begingroup
    \def\@true{true}%
146
    \def\@arg{#1}%
    \ifx\@true\@arg
147
      \endgroup\thesis@style@inheritancetrue
148
149
      \endgroup\thesis@style@inheritancefalse
150
151
    \fi}
```

### \thesis@locale 2.2.22 The locale key

The  $\{\langle locale = name \rangle\}$  pair sets the name of the main locale to *name*. The *name* is stored within the \thesis@locale macro, whose implicit value is the main language of either the babel or the polyglossia package, or english, when undefined. When the name is an empty token string, no locale files will be loaded during the main routine (see Section 2.4).

```
152 \def\thesis@locale{%
153 % Babel / polyglossia detection
    \ifx\languagename\undefined
    english\else\languagename\fi}
156 \define@key{thesis}{locale}{%
    \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.

```
158 \def\ifthesis@english{
                            \expandafter\def\expandafter\@english\expandafter{\string
160
                            \english}%
                            \expandafter\expandafter\expandafter\def\expandafter
161
                            \expandafter\expandafter\@locale\expandafter\expandafter
162
163
                            \expandafter{\expandafter\string\csname\thesis@locale\endcsname}%
                            \verb|\expandafter\csname| expandafter i expandafter f if x expandafter 
                            \@english
                                          true%
166
                            \else
167
```

```
false%
168
    \fi\endcsname}
```

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

The  $\{\langle localeInheritance=bool \rangle\}$  pair either enables, if bool is true or unspecified, or disables the inheritance. The setting affects the function of the \thesis@requireLocale macro (see Section 3.1) and can be tested using the \ifthesis@locale@inheritance ...\else ...\fi conditional. Inheritance is enabled for locale files by default.

```
170 \newif\ifthesis@locale@inheritance\thesis@locale@inheritancetrue
171 \define@key{thesis}{localeInheritance}[true]{%
172
    \begingroup
173
    \def\@true{true}%
174
    \def\@arg{#1}%
    \ifx\@true\@arg
      \endgroup\thesis@locale@inheritancetrue
176
177
      \endgroup\thesis@locale@inheritancefalse
178
179
    \fi}
```

#### 2.2.24 The date key

The  $\{\langle date=date \rangle\}$  pair sets the date of the thesis submission 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 macro within the following macros:

\thesis@parseDate \thesis@date \thesis@year \thesis@month \thesis@day

- \thesis@date The entire date
- \thesis@month The MM of date
- \thesis@year The YYYY of date
- \thesis@day The DD of date

\thesis@season

- \thesis@season Expands to either:
  - spring if 2 < MM < 9,
  - fall if MM  $\leq 2$  or MM  $\geq 9$ .

\thesis@seasonYear

- \thesis@seasonYear The year of the given semester:
  - YYYY 1 if MM  $\leq 2$ .
  - YYYY if MM > 2

\thesis@academicYear

- \thesis@academicYear The academic year of the given semester:
  - YYYY 1/YYYY if MM < 9.
  - YYYY/YYYY + 1 if  $MM \ge 9$

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

```
180 \def\thesis@parseDate#1/#2/#3|{{
181 % Set the basic macros
    \gdef\thesis@date{#1/#2/#3}%
    \gdef\thesis@year{#1}%
    \gdef\thesis@month{#2}%
184
    \gdef\thesis@day{#3}%
187
    % Set the season
188
    \newcount\@month\expandafter\@month\thesis@month\relax
          \ifnum\@month>8\gdef\thesis@season{fall}
189
    \else\ifnum\@month<3\gdef\thesis@season{fall}
190
    \else
                         \gdef\thesis@season{spring}
191
192
    \fi\fi
193
194
    % Set the academic year
    \newcount\@year\expandafter\@year\thesis@year\relax
195
    \ifnum\@month>8%
196
197
                       \edef\@yearA{\the\@year}%
198
       \advance\@year 1\edef\@yearB{\the\@year}%
199
       \advance\@year-1
200
       \advance\@year-1\edef\@yearA{\the\@year}%
201
       \advance\@year 1\edef\@yearB{\the\@year}%
202
203
    \global\edef\thesis@academicYear{\@yearA/\@yearB}
204
205
    % Set the season year
206
    \ifnum\@month>2\else
207
208
      \advance\@year-1
209
    \global\edef\thesis@seasonYear{\the\@year}}}
210
212 \edef\thesis@date{\the\year/\the\month/\the\day}%
213 \expandafter\thesis@parseDate\thesis@date|%
214
215 \define@key{thesis}{date}{{%
216 \edef\@date{#1}%
    \expandafter\thesis@parseDate\@date|}}
```

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

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

```
218 \def\thesis@place{Brno}
219 \define@key{thesis}{place}{%
```

220 \def\thesis@place{#1}}

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

The  $\{\langle \text{title}=title \rangle\}$  pair sets the title of the thesis to *title*. The *title* is stored within \title the \thesis@title macro. The standard LATEX \title macro also sets this key.

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

\maketitle The standard LATEX \maketitle macro is defined, but disabled.

225 \let\maketitle\relax

# \thesis@TeXtitle 2.2.27 The TeXtitle key

The  $\{\langle \text{TeXtitle} = title \rangle\}$  pair sets the  $T_EX$  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. The title is stored within the thesis@TeXtitle macro, whose implicit value is thesis@title.

```
226 \def\thesis@TeXtitle{\thesis@title}
227 \define@key{thesis}{TeXtitle}{%
228 \def\thesis@TeXtitle{#1}}
```

### \thesis@titleEn 2.2.28 The titleEn key

The  $\{\langle \text{titleEn} = title \rangle\}$  pair sets the English title of the thesis to *title*. The *title* is stored within the thesis@titleEn macro.

```
229 \thesis@def{titleEn}
230 \define@key{thesis}{titleEn}{%
231 \def\thesis@titleEn{#1}}
```

#### \thesis@TeXtitleEn 2.2.29 The TeXtitleEn key

The  ${\langle {\sf TeXtitleEn} = title \rangle }$  pair sets the English TEX title of the thesis to title. The title is used, when typesetting the title, whereas  ${\sf thesis@titleEn}$  is a plain text, which gets included in the PDF header of the resulting document. The title is stored within the  ${\sf thesis@TeXtitleEn}$  macro, whose implicit value is  ${\sf thesis@titleEn}$ .

```
232 \def\thesis@TeXtitleEn{\thesis@titleEn}
233 \define@key{thesis}{TeXtitleEn}{%
234 \def\thesis@TeXtitleEn{#1}}
```

#### \thesis@keywords 2.2.30 The keywords key

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

```
235 \thesis@def{keywords}
236 \define@key{thesis}{keywords}{%
237 \def\thesis@keywords{#1}}
```

#### \thesis@TeXkeywords 2.2.31 The TeXkeywords key

The  $\{\langle TeXkeywords=list \rangle\}$  pair sets the TeX keywords of the thesis to the commadelimited list. The list is used, when typesetting the keywords, whereas \thesis@ keywords is a plain text, which gets included in the PDF header of the resulting document. The *list* is stored within the \thesis@TeXkeywords macro.

```
238 \def\thesis@TeXkeywords{\thesis@keywords}
239 \define@key{thesis}{TeXkeywords}{%
240 \def\thesis@TeXkeywords{#1}}
```

### \thesis@keywordsEn 2.2.32 The keywordsEn key

The  $\{\langle keywordsEn=list \rangle\}$  pair sets the English keywords of the thesis to the commadelimited *list*. The *list* is stored within the \thesis@keywordsEn macro.

```
241 \thesis@def{keywordsEn}
242 \define@key{thesis}{keywordsEn}{%
243 \def\thesis@keywordsEn{#1}}
```

#### \thesis@TeXkeywordsEn 2.2.33 The TeXkeywordsEn key

The  $\{\langle TeXkeywordsEn=list \rangle\}$  pair sets the English TFX keywords of the thesis to the comma-delimited list. The list is used, when typesetting the keywords, whereas \thesis@keywordsEn is a plain text, which gets included in the PDF header of the resulting document. The list is stored within the \thesis@TeXkeywordsEn macro.

```
244 \def\thesis@TeXkeywordsEn{\thesis@keywordsEn}
245 \define@key{thesis}{TeXkeywordsEn}{%
246 \def\thesis@TeXkeywordsEn{#1}}
```

#### \thesis@abstract 2.2.34 The abstract key

The  $\{\langle abstract = text \rangle\}$  pair sets the abstract of the thesis to text. The text is stored within the \thesis@abstract macro.

```
247 \thesis@def{abstract}
248    \long\def\KV@thesis@abstract#1{%
249 \long\def\thesis@abstract{#1}}
```

### \thesis@abstractEn 2.2.35 The abstractEn key

The  $\{\langle abstractEn=text \rangle\}$  pair sets the English abstract of the thesis to text. The text is stored within the \thesis@abstractEn macro.

```
250 \thesis@def{abstractEn}
251 \long\def\KV@thesis@abstractEn#1{%
252 \long\def\thesis@abstractEn{#1}}
```

#### \thesis@advisor 2.2.36 The advisor key

The  $\{\langle advisor = name \rangle\}$  pair sets the thesis advisor's full name to name. The name is stored within the \thesis@advisor macro.

```
253 \thesis@def{advisor}
254 \end{area} advisor {\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor}{\cor
```

#### \thesis@thanks 2.2.37 The thanks key

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

```
255 \long\def\KV@thesis@thanks#1{%
256 \long\def\thesis@thanks{#1}}
```

#### \thesis@assignmentFiles 2.2.38 The assignment key

The  $\{\langle assignment=list \rangle\}$  pair sets the comma-delimited list of paths to the PDF files containing the thesis assignment to list. The list is stored within the \thesis@assignmentFiles macro.

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

When the \thesis@assignmentFiles macro is defined and non-empty, the style files should take that as a cue that the user wishes to typeset the thesis assignment.

#### \thesis@bibFiles 2.2.39 The bib key

The  $\{\langle bib=list \rangle\}$  pair sets the comma-delimited list of paths to the BIB files containing the bibliography databases to list. The list is stored within the \thesis@bibFiles macro.

```
259 \define@key{thesis}{bib}{%
260 \def\thesis@bibFiles{#1}}
```

When the \thesis@bibFiles macro is defined and non-empty, the style files should take that as a cue that the user wishes to typeset the bibliography.

#### \ifthesis@auto 2.2.40 The autoLayout key

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

```
261 \newif\ifthesis@auto\thesis@autotrue
262 \define@key{thesis}{autoLayout}[true]{%
263 \def\@true{true}%
    \def\@arg{#1}%
    \ifx\@true\@arg
     \thesis@autotrue
266
267
    \else
     \thesis@autofalse
268
    \fi}
269
```

\thesis@preamble \thesis@postamble \thesis@blocks@preamble \thesis@blocks@postamble

\thesis@blocks@mainMatter

The \thesis@preamble and \thesis@postamble macros temporarily switch to the hyphenation patterns and the csquotes style of the main locale and typeset the contents of the \thesis@blocks@preamble or \thesis@blocks@postamble macros, respectively.

Before leaving the group, the \thesis@preamble macro clears the page. After leaving the group, the \thesis@preamble macro sets up the style of the main matter by expanding the \thesis@blocks@mainMatter macro. All the aforementioned @block@ macros are defined as \relax and are subject to redefinition by the loaded style files.

```
270 \def\thesis@preamble{%
271 {\thesis@selectLocale{\thesis@locale}%
    \thesis@blocks@preamble\clearpage}
    \thesis@blocks@mainMatter}
273
275 \def\thesis@postamble{{%
    \thesis@selectLocale{\thesis@locale}%
    \thesis@blocks@postamble}}
277
279 \let\thesis@blocks@preamble\relax
280 \let\thesis@blocks@postamble\relax
281 \let\thesis@blocks@mainMatter\relax
```

#### The \thesislong macro 2.3

\thesislong

The public macro \thesislong{ $\langle key \rangle$ }{ $\langle value \rangle$ }, can be used as an alternative to the \thesissetup{ $\langle key \rangle = \{\langle value \rangle\}$ } public macro:

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

This macro is a relict of the time when \thesissetup did not accept multiparagraph input.

### 2.4 The \thesisload macro

\thesisload

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

\ifthesis@loaded

\thesis@load

```
284 \newif\ifthesis@loaded\thesis@loadedfalse
285 \BeforeBeginEnvironment{document}{\thesisload}
286 \def\thesis@load{\thesisload}
287 \def\thesisload{%
288 \ifthesis@loaded\else
289 \thesis@loadedtrue
290 \makeatletter
```

First, the name of the main locale file is fully expanded and loaded using the \thesis@requireLocale macro. If the user specified an explicit empty string as the value of \thesis@locale, do nothing.

```
291 \ifx\thesis@locale\empty\else
292 \edef\thesis@locale{\thesis@locale}
293 \thesis@requireLocale{\thesis@locale}
294 \fi
```

Coerce LuaTeX into defining \1@locale for locales with known hyphenation patterns, unless babel has been loaded. In that case \1@locale has already been defined.

Consequently, the style files are loaded. If the user specified an explicit empty string as the value of \thesis@style, do nothing.

```
300 \ifx\thesis@style\empty\else
301 \thesis@requireStyle{\thesis@style}
302 \fi
```

If the babel or polyglossia locale is identical to the thesis locale, the \thesis@selectLocale macro will be used to globally set up the csquotes style appropriate for the given locale.

```
303
       \ifx\languagename\empty\else
          \begingroup
304
          \edef\@doclocale{\languagename}%
305
         \fint \cite{thesis@locale} \cite{thesis@locale}
306
            \endgroup
307
308
            \AtBeginDocument{%
              \thesis@selectLocale{\thesis@locale}}%
309
          \else
310
            \endgroup
311
```

```
312 \fi
313 \fi
```

With the placeholder strings loaded from the locale files, we can now inject metadata 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 2016/08/17 v0.3.41 fithesis3 MU thesis class.

```
314 \thesis@require{hyperref}
315 \hypersetup{
316    unicode=true,
317    pdfencoding=auto,
318    pdftitle=\thesis@title,
319    pdfauthor=\thesis@author,
320    pdfkeywords=\thesis@keywords,
321    pdfcreator=\thesis@version}
```

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. The definition of the \thesis@pages macro is also scheduled to be written to the auxiliary file at the end of the document.

```
\ifthesis@auto
322
           \AtBeginDocument{\thesis@preamble}
323
           \AtEndDocument{%
324
             \thesis@postamble
325
             \write\@auxout{\noexpand\gdef\noexpand\thesis@pages{\thepage}}}
326
327
           \AtEndDocument{%
328
329
             \write\@auxout{\noexpand\gdef\noexpand\thesis@pages{\thepage}}}
         \fi
330
       \makeatother
331
332
    \fi}
```

### 3 Private API

### 3.1 File manipulation macros

\thesis@exists

The \thesis@exists{ $\langle file \rangle$ }{ $\langle tokens \rangle$ } 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.

```
333 \def\thesis@exists#1#2{%
334 \IfFileExists{#1}{#2}{%
335 \ClassWarning{fithesis3}{File #1 doesn't exist}}}
```

\thesis@input The \thesis@input{ $\langle file \rangle$ } macro inputs the given file, if it exists.

```
336 \def\thesis@input#1{%
337 \thesis@exists{#1}{\input{#1}}}
```

\thesis@require

The  $\text{ \text{ \ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \$ if the specified package has not yet been loaded.

```
338 \newcommand\thesis@require[2][]{%
    \@ifpackageloaded{#2}{}{\RequirePackage[#1]{#2}}}
```

\thesis@requireIfExists

The  $\t \$  expands to  $\t \$  equire [ $\$  options $\$  ] { $\$  (package)} expands to  $\$  thesis@require [ $\$  options)] { $\$  (package)}, if the specified package exists and has not yet been loaded.

```
340 \newcommand\thesis@requireIfExists[2][]{%
    \thesis@exists{#2.sty}{\thesis@require[#1]{#2}}}
```

\thesis@requireStyle If inheritance is enabled for style files, then the \thesis@requireStyle $\langle style \rangle$ } macro sequentially loads each of the following files, provided they exist:

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

If inheritance is disabled for style files, then only the last listed file is loaded. The fithesis- prefix serves to prevent package clashes with other similarly named package files within the T<sub>F</sub>X directory structure.

```
342 \def\thesis@requireStyle#1{%
343 \ifthesis@style@inheritance
      \thesis@requireIfExists{\thesis@stylepath fithesis-base}%
      \thesis@requireIfExists{\thesis@stylepath\thesis@university
345
        /fithesis-base}
346
347
    \fi
    \thesis@requireIfExists{\thesis@stylepath#1}}
```

\thesis@requireLocale

If inheritance is enabled for style files, then the  $\t equireLocale{\langle locale \rangle}$ macro sequentially loads each of the following locale files, provided they exist:

- 1. \thesis@localepath fithesis-locale.def
- 2. \thesis@localepath\thesis@university/fithesis-locale.def
- 3. \thesis@localepath\thesis@university/\thesis@faculty/fithesis-locale.def

If inheritance is disabled for locale files, then only the first listed file is loaded. The fithesis- prefix serves to prevent clashes with other similarly named files within the TEX directory structure. To prevent undesirable side effects from locale files being loaded multiple times, the \thesis@locale@required macro is defined as a flag, which prevents future invocations with the same *locale*. The macro can be used within both locale and style files, although the usage within locale files is strongly discouraged to prevent circular dependencies.

If the polyglossia package is being used, its definitions for the respective locale get loaded as well. As a consequence, this command may not be used within the document, but only in the preamble.

```
349 \def\thesis@requireLocale#1{%
350 % Ignore redundant requests
    \expandafter\ifx\csname thesis@#1@required\endcsname\relax
      \expandafter\def\csname thesis@#1@required\endcsname{}%
      \@ifpackageloaded{polyglossia}{\setotherlanguage{#1}}{}
354
      \thesis@input{\thesis@localepath fithesis-#1.def}%
355
      \ifthesis@locale@inheritance
        \thesis@input{\thesis@localepath\thesis@university/%
356
357
           fithesis-#1.def}%
        \thesis@input{\thesis@localepath\thesis@university/%
358
           \thesis@faculty/fithesis-#1.def}%
359
360
    \fi}
361
```

# 3.2 String manipulation macros

\thesis@

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

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

\thesis@@

The  $\t \ensuremath{\verb||} thesis@@{\langle name \rangle}$  macro expands to  $\t \ensuremath{\verb||} thesis@locale@name$ , where locale corresponds to the name of the current locale. The name gets fully expanded and can therefore contain active characters and command sequences.

```
363 \def\thesis@@#1{\thesis@{\thesis@locale @#1}}
```

\thesis@lower
\thesis@upper

The \thesis@lower and \thesis@upper 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. The name gets fully expanded and can therefore contain active characters and command sequences.

\thesis@@lower
\thesis@@upper

The \thesis@@lower and \thesis@@upper macros are used for upper- and low-ercasing 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. The *name* gets fully expanded and can therefore contain active characters and command sequences.

```
376 \def\thesis@lower#1{\thesis@lower{\thesis@locale @#1}}
377 \def\thesis@upper#1{\thesis@upper{\thesis@locale @#1}}
```

\thesis@head
\thesis@tail

The \thesis@head and \thesis@tail macros are used for retrieving the head or the tail of space-separated token sequences that end with \relax.

```
378 \def\thesis@head#1 #2{%
379 \ifx\relax#2%
      \expandafter\@gobbletwo
380
381 \else
    \ #1%
382
383 \fi
384 \thesis@head#2}%
385 \def\thesis@tail#1 #2{%
386 \ifx\relax#2%
      #1%
387
      \expandafter\@gobbletwo
388
    \fi
389
    \thesis@tail#2}%
```

# 3.3 General purpose macros

\thesis@pages

The \thesis@pages macro contains the total number of pages within the document. During the first TFX compilation, the macro expands to ??.

```
391 \times \end{def} \times \end{def} in \times \end{def} \times \end{de
```

\thesis@selectLocale

\thesis@selectLocale{ $\langle locale \rangle$ } macro redefines the \thesis@locale macro to locale, switches to the hyphenation patterns of locale, and starts using the \thesis@locale@csquotesStyle style of the csquotes package. The respective locale files and polyglossia locale definitions should be loaded beforehand using the \thesis@requireLocale macro.

This macro should always be used within a group, so that the locale, csquotes, and hyphenation settings return back to what the user has specified after the localized blocks of typographic material.

```
392 \def\thesis@selectLocale#1{%
393  \edef\thesis@locale{#1}%
394  \ltx@ifpackageloaded{csquotes}{%
395  \csq@setstyle{\thesis@@{csquotesStyle}}%
396  }{}%
397  \ltx@ifpackageloaded{polyglossia}{%
398  \selectlanguage{\thesis@locale}
399  }{%
400  \language\csname l@\thesis@locale\endcsname
401 }}
```

\thesis@patch

delimited *versions*. This macro enables the simple deployment of version-targeted patches.

```
402 \ensuremath{\mbox{def}\mbox{thesis@patch#1#2}}\%
    \def\thesis@patch@versions{#1}%
    \def\thesis@patch@action{#2}%
    \def\thesis@patch@next##1,{%
      \def\thesis@patch@arg{##1}%
406
407
      \def\thesis@patch@relax{\relax}%
      408
        \def\thesis@patch@next####1\relax,{}%
        \expandafter\thesis@patch@action
411
        \expandafter\thesis@patch@next
      \else\ifx\thesis@patch@arg\thesis@patch@relax\else
412
        \expandafter\expandafter\thesis@patch@next
413
414
      \fi\fi}%
    \expandafter\expandafter\expandafter\thesis@patch@next
415
    \expandafter\thesis@patch@versions\expandafter,\relax,}
```

#### 3.4 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 2.4).

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  $file{\langle filename \rangle}$  is available for the sectioning of 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 Itxdoc manuals.

Mind that the name of the locale is also used to load hyphenation patterns, which is why it shouldn't be arbitrary. To see the names of the hyphenation patterns, consult the hyph-utf8 manual.

#### 3.4.1 Interface

The union of locale files loaded via the locale file inheritance scheme (see the definition of the \thesis@requireLocale macro in Section 3.1) needs to globally define the following macros:

- \thesis@locale@csquotesStyle The name of the style of the csquotes package that matches this locale
- \thesis@locale@universityName The name of the university
- \thesis@locale@facultyName The name of the faculty
- \thesis@locale@assignment The instructions to replace the current page with the official thesis assignment
- \thesis@locale@declaration The thesis declaration text

file

- \thesis@locale@fieldTitle The title of the field of study entry
- \thesis@locale@advisorTitle The title of the advisor entry
- \thesis@locale@authorTitle The title of the author entry
- \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@spring The name of the spring semester
- \thesis@locale@fall The name of the fall semester
- \thesis@locale@semester The full name of the current semester
- \thesis@locale@typeName The name of the thesis type

where *locale* is the name of the locale.

#### 3.4.2 English locale files

### 3.4.2.1 The locale/fithesis-english.def file

This is the base file of the English locale.

```
417 \ProvidesFile{fithesis/locale/fithesis-english.def}[2016/05/25]
```

The locale file defines all the private macros mandated by the locale file interface.

```
419 % Placeholders
420 \gdef\thesis@english@universityName{University name}
421 \gdef\thesis@english@facultyName{Faculty name}
422 \gdef\thesis@english@assignment{%
423 \ifthesis@digital@
      This is where a copy of the official signed thesis assignment
      is located in the printed version of the document.
425
426 \else
      Replace this page with a copy of the official signed thesis
427
      assignment.
428
429 \fi}
430 \gdef\thesis@english@declaration{Declaration text ...}
432% Csquotes style
433 \gdef\thesis@english@csquotesStyle{english}
435% Time strings
436 \gdef\thesis@english@spring{Spring}
```

```
437 \gdef\thesis@english@fall{Fall}
438 \gdef\thesis@english@semester{%
    \thesis@{english@\thesis@season} \thesis@seasonYear}
439
440
441% Miscellaneous
442 \gdef\thesis@english@fieldTitle{Field of study}
443 \gdef\thesis@english@advisorTitle{Advisor}
444 \gdef\thesis@english@authorTitle{Author}
445 \gdef\thesis@english@abstractTitle{Abstract}
446 \gdef\thesis@english@keywordsTitle{Keywords}
447 \gdef\thesis@english@thanksTitle{Acknowledgement}
448 \gdef\thesis@english@declarationTitle{Declaration}
449 \gdef\thesis@english@idTitle{ID}
450 \gdef\thesis@english@typeName{%
451 \ifx\thesis@type\thesis@sempaper
      Seminar Paper%
452
453 \else\ifx\thesis@type\thesis@bachelors
      Bachelor's Thesis%
454
455 \else\ifx\thesis@type\thesis@masters
456
      Master's Thesis%
    \else\ifx\thesis@type\thesis@doctoral
457
      Doctoral Thesis%
458
    \else\ifx\thesis@type\thesis@rigorous
459
      Rigorous Thesis%
460
    \else
461
      <<Unknown thesis type (\thesis@type)>>%
462
    \fi\fi\fi\fi\fi\fi}
```

#### 3.4.2.2 The locale/mu/fithesis-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.

```
464 \ProvidesFile{fithesis/locale/mu/fithesis-english.def}[2016/03/22]
465 \gdef\thesis@english@universityName{Masaryk University}
466 \gdef\thesis@english@declaration{%
467 Hereby I declare that this paper is my original authorial work,
468 which I have worked out on my own. All sources, references, and
469 literature used or excerpted during elaboration of this work are
470 properly cited and listed in complete reference to the due source.}
471
472 % Bibliographic entry
473 \gdef\thesis@english@bib@title{Bibliographic record}
474 \gdef\thesis@english@bib@pages{p}
475
476 % Miscellaneous
477 \gdef\thesis@english@idTitle{UČO}
```

#### 3.4.2.3 The locale/mu/law/fithesis-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.

#### 3.4.2.4 The locale/mu/fsps/fithesis-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 and redefines the fieldTitle string in accordance with the common usage at the faculty.

```
482 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-english.def}[2015/06/26]
483
484% Placeholders
485 \gdef\thesis@english@facultyName{Faculty of Sports Studies}
486
487% Miscellaneous
488 \gdef\thesis@english@fieldTitle{Specialization}
```

### 3.4.2.5 The locale/mu/fss/fithesis-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 and assignment strings with the correct values.

```
489 \ProvidesFile{fithesis/locale/mu/fss/fithesis-english.def}[2016/05/25]
490
491 % Placeholders
492 \gdef\thesis@english@facultyName{Faculty of Social Studies}
493 \gdef\thesis@english@assignment{%
494 \ifthesis@digital@
495 This is where a copy of the official signed thesis assignment
496 or a copy of the Statement of an Author or both are located
497 in the printed version of the document.
498 \else
499 Replace this page with a copy of the official signed thesis
500 assignment or a copy of the Statement of an Author or both,
501 depending on the requirements of the respective department.
502 \fi}
```

# 3.4.2.6 The locale/mu/econ/fithesis-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.

```
503 \ProvidesFile{fithesis/locale/mu/econ/fithesis-english.def}[2015/06/26]
504 \gdef\thesis@english@facultyName{Faculty of Economics
505 and Administration}
```

#### 3.4.2.7 The locale/mu/med/fithesis-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/fithesis-med.sty style file.

```
506 \ProvidesFile{fithesis/locale/mu/med/fithesis-english.def}[2016/03/23]
507
508 % Miscellaneous
509 \gdef\thesis@english@abstractTitle{Annotation}
510
511 % Placeholders
512 \gdef\thesis@english@facultyName{Faculty of Medicine}
```

### 3.4.2.8 The locale/mu/fi/fithesis-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 redefines 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/fithesis-fi.sty style file.

```
513 \ProvidesFile{fithesis/locale/mu/fi/fithesis-english.def}[2016/05/25]
515 % Placeholders
516 \gdef\thesis@english@facultyName{Faculty of Informatics}
517 \gdef\thesis@english@assignment{Replace this page with a copy
of the official signed thesis assignment and a copy of the
519 Statement of an Author.}
520 \gdef\thesis@english@assignment{%
521 \ifthesis@digital@
      This is where a copy of the official signed thesis assignment
522
      and a copy of the Statement of an Author is located in the
523
      printed version of the document.
524
525 \else
      Replace this page with a copy of the official signed thesis
      assignment and a copy of the Statement of an Author.
527
528
    \fi}
529
530 % Others
531 \gdef\thesis@english@advisorSignature{Signature of Thesis
532 \thesis@english@advisorTitle}
```

#### 3.4.2.9 The locale/mu/phil/fithesis-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. It also defines the departmentName string, which is used by the style/mu/fithesis-phil.sty style file, when typesetting the names of known departments.

```
533 \ProvidesFile{fithesis/locale/mu/phil/fithesis-english.def}[2016/03/22]
534 \gdef\thesis@english@facultyName{Faculty of Arts}
535 \gdef\thesis@english@departmentName{%
536 \ifx\thesis@department\thesis@departments@kisk
537 Division of Information and Library Studies%
538 \else
539 <<Unknown department (\thesis@department)>>%
540 \fi}
```

#### 3.4.2.10 The locale/mu/ped/fithesis-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/fithesis-ped.sty style file.

```
541\ProvidesFile{fithesis/locale/mu/ped/fithesis-english.def}[2016/03/22]
542
543% Placeholders
544\gdef\thesis@english@facultyName{Faculty of Education}
```

#### 3.4.2.11 The locale/mu/sci/fithesis-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/fithesis-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.

```
545 \ProvidesFile{fithesis/locale/mu/sci/fithesis-english.def}[2016/03/23]
546
547 % Placeholders
548 \gdef\thesis@english@facultyName{Faculty of Science}
549
550 % Miscellaneous
551 \global\let\thesis@english@advisorTitleEn=\thesis@english@bib@advisor
552
553 % Bibliographic entry
554 \global\let\thesis@english@bib@author\thesis@english@authorTitle
555 \gdef\thesis@english@bib@thesisTitle{Title of Thesis}
556 \gdef\thesis@english@bib@programme{Degree Programme}
557 \global\let\thesis@english@bib@field\thesis@english@fieldTitle
558 \gdef\thesis@english@bib@advisor{Supervisor}
```

```
559 \gdef\thesis@english@bib@academicYear{Academic Year}
560 \gdef\thesis@english@bib@pages{Number of Pages}
561 \global\let\thesis@english@bib@keywords\thesis@english@keywordsTitle
```

#### 3.4.3 Czech locale files

#### 3.4.3.1 The locale/fithesis-czech.def file

This is the base file of the Czech locale.

```
562 \ProvidesFile{fithesis/locale/fithesis-czech.def}[2016/05/25]
```

The locale file 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@czech@typeName@akuzativ

\thesis@czech@typeName@akuzativ containing the accusative case of the thesis type name.

```
563
564% Pomocná makra
565 \gdef\thesis@czech@gender@koncovka{%
566 \ifthesis@woman a\fi}
567
568% Csquotes styl
569 \gdef\thesis@czech@csquotesStyle{german}
570
571 % Zástupné texty
572 \gdef\thesis@czech@universityName{Název univerzity}
573 \gdef\thesis@czech@facultyName{Název fakulty}
574 \gdef\thesis@czech@assignment{%
575 \ifthesis@digital@
      Na tomto místě se v~tištěné práci nachází oficiální podepsané
576
577
      zadání práce.
578 \else
579
      Místo tohoto listu vložte kopii oficiálního podepsaného zadání
580
      práce.
581 \fi}
582 \gdef\thesis@czech@declaration{Text prohlášení ...}
584 % Časové údaje
585 \gdef\thesis@czech@spring{jaro}
586 \gdef\thesis@czech@fall{podzim}
587 \gdef\thesis@czech@semester{%
588 \thesis@{czech@\thesis@season} \thesis@seasonYear}
590 % Různé
591 \gdef\thesis@czech@fieldTitle{Obor}
592 \gdef\thesis@czech@advisorTitle{Vedoucí práce}
593 \gdef\thesis@czech@authorTitle{Autor}
```

```
594 \gdef\thesis@czech@abstractTitle{Shrnutí}
595 \gdef\thesis@czech@keywordsTitle{Klíčová slova}
596 \gdef\thesis@czech@thanksTitle{Poděkování}
597 \gdef\thesis@czech@declarationTitle{Prohlášení}
598 \gdef\thesis@czech@idTitle{ID}
599 \gdef\thesis@czech@typeName{%
    \ifx\thesis@type\thesis@sempaper
601
      Seminární práce%
    \else\ifx\thesis@type\thesis@bachelors
602
      Bakalářská práce%
603
    \else\ifx\thesis@type\thesis@masters
604
605
      Diplomová práce%
    \else\ifx\thesis@type\thesis@doctoral
      Disertační práce%
607
    \else\ifx\thesis@type\thesis@rigorous
608
      Rigorózní práce%
609
    \else
610
       <<Neznámý typ práce (\thesis@type)>>%
611
612 \fi\fi\fi\fi\fi\
613 \gdef\thesis@czech@typeName@akuzativ{%
    \ifx\thesis@type\thesis@sempaper
614
       Seminární práci%
615
    \else\ifx\thesis@type\thesis@bachelors
616
      Bakalářskou práci%
617
    \verb|\else| ifx\theta is @type\theta is @masters|
618
      Diplomovou práci%
619
    \else\ifx\thesis@type\thesis@doctoral
620
621
      Disertační práci%
    \else\ifx\thesis@type\thesis@rigorous
622
      Rigorózní práci%
623
624
    \else
625
       <<Neznámý typ práce (\thesis@type)>>%
    \fi\fi\fi\fi\fi\}
```

# 3.4.3.2 The locale/mu/fithesis-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.

```
627 \ProvidesFile{fithesis/locale/mu/fithesis-czech.def}[2016/03/22]
628
629 % Zástupné texty
630 \gdef\thesis@czech@universityName{Masarykova univerzita}
631 \gdef\thesis@czech@declaration{Prohlašuji, že jsem
632 \thesis@lower{czech@typeName@akuzativ} zpracoval%
633 \thesis@czech@gender@koncovka\ samostatně a
634 použil\thesis@czech@gender@koncovka\ jen prameny
635 uvedené~v seznamu literatury.}
636
637 % Bibliografický záznam
```

```
638 \gdef\thesis@czech@bib@title{Bibliografický záznam}
639 \gdef\thesis@czech@bib@pages{str}
640
641 % Různé
642 \gdef\thesis@czech@idTitle{UČO}
```

#### 3.4.3.3 The locale/mu/law/fithesis-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.

```
643 \ProvidesFile{fithesis/locale/mu/law/fithesis-czech.def}[2015/06/26]
644
645 % Různé
646 \gdef\thesis@czech@abstractTitle{Abstrakt}
647
648 % Zástupné texty
649 \gdef\thesis@czech@facultyName{Právnická fakulta}
650 \gdef\thesis@czech@facultyLongName{Právnická fakulta Masarykovy
651 univerzity}
```

# 3.4.3.4 The locale/mu/fsps/fithesis-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 redefines the fieldTitle string in accordance with the common usage at the faculty.

```
652 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-czech.def}[2015/06/26]
653
654% Zástupné texty
655 \gdef\thesis@czech@facultyName{Fakulta sportovních studií}
656
657% Různé
658 \gdef\thesis@czech@fieldTitle{Specializace}
```

#### 3.4.3.5 The locale/mu/fss/fithesis-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 and assignment placeholders with the correct values.

```
659 \ProvidesFile{fithesis/locale/mu/fss/fithesis-czech.def}[2016/05/25]
660
661% Zástupné texty
662 \gdef\thesis@czech@facultyName{Fakulta sociálních studií}
663 \gdef\thesis@czech@assignment{%
664 \ifthesis@digital@
665 Na tomto místě se v~tištěné práci nachází oficiální podepsané
```

```
cedaní práce, prohlášení autora školního díla nebo obojí.
celse
   Misto tohoto listu vložte kopie oficiálního podepsaného zadání
práce nebo prohlášení autora školního díla nebo obojí~v
   závislosti na požadavcích příslušné katedry.
celta
c
```

#### 3.4.3.6 The locale/mu/econ/fithesis-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.

```
673 \ProvidesFile{fithesis/locale/mu/econ/fithesis-czech.def}[2015/06/26] 674 \gdef\thesis@czech@facultyName{Ekonomicko-správní fakulta}
```

#### 3.4.3.7 The locale/mu/med/fithesis-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/fithesis-med.sty style file.

```
675 \ProvidesFile{fithesis/locale/mu/med/fithesis-czech.def}[2016/03/23]
676
677 % Různé
678 \gdef\thesis@czech@abstractTitle{Anotace}
679
680 % Zástupné texty
681 \gdef\thesis@czech@facultyName{Lékařská fakulta}
```

#### 3.4.3.8 The locale/mu/fi/fithesis-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 redefines 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/fithesis-fi.sty style file.

```
682 \ProvidesFile{fithesis/locale/mu/fi/fithesis-czech.def}[2016/05/25]
683
684% Zástupné texty
685 \gdef\thesis@czech@facultyName{Fakulta informatiky}
686 \gdef\thesis@czech@assignment{%
687 \ifthesis@digital@
688 Na tomto místě se v~tištěné práci nachází oficiální podepsané
689 zadání práce a prohlášení autora školního díla.
690 \else
```

```
Místo tohoto listu vložte kopie oficiálního podepsaného zadání
691
      práce a prohlášení autora školního díla.
692
    \fi}
693
694 \gdef\thesis@czech@declaration{%
    Prohlašuji, že tato \thesis@lower{czech@typeName} je mým
    původním autorským dílem, které jsem vypracoval%
697
    \thesis@czech@gender@koncovka\ samostatně. Všechny zdroje,
    prameny a literaturu, které jsem při vypracování
698
    používal\thesis@czech@gender@koncovka\ nebo z~nich
699
    čerpal\thesis@czech@gender@koncovka, v~práci řádně cituji
    s~uvedením úplného odkazu na příslušný zdroj.}
701
702
703% Ostatní
704 \gdef\thesis@czech@advisorSignature{Podpis vedoucího}
```

#### 3.4.3.9 The locale/mu/phil/fithesis-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 redefines the declaration, typeName and typeName@akuzativ strings in accordance with the requirements of the faculty.

The locale file also defines the departmentName string, which is used by the style/mu/fithesis-phil.sty style file, when typesetting the names of known departments.

```
705 \ProvidesFile{fithesis/locale/mu/phil/fithesis-czech.def}[2016/03/22]
707 % Zástupné texty
708 \gdef\thesis@czech@facultyName{Filozofická fakulta}
709 \gdef\thesis@czech@departmentName{%
710 \ifx\thesis@department\thesis@departments@kisk
      Kabinet informačních studií a knihovnictví%
711
    \else
712
       <<Neznámé oddělení (\thesis@department)>>%
713
714 \fi}
715 \gdef\thesis@czech@declaration{%
    \ifx\thesis@department\thesis@departments@kisk
716
       Prohlašuji, že jsem předkládanou práci zpracoval%
717
718
       \thesis@czech@gender@koncovka\ samostatně~a použil%
719
       \thesis@czech@gender@koncovka\ jen uvedené prameny~a
720
       literaturu. Současně dávám svolení k tomu, aby elektronická
       verze této práce byla zpřístupněna přes informační systém
721
      Masarykovy univerzity.%
722
    \else
723
      Prohlašuji, že jsem \thesis@lower{czech@typeName@akuzativ}
724
       vypracoval\thesis@czech@gender@koncovka\ samostatně~s využitím
725
726
      uvedené literatury.%
727
    \fi}
728
729 % Ostatní
```

```
730 \global\let\thesis@czech@typeName@super
731 \thesis@czech@typeName
732 \gdef\thesis@czech@typeName{%
733 \ifx\thesis@type\thesis@bachelors
      Bakalářská diplomová práce%
734
735 \else\ifx\thesis@type\thesis@masters
736
      Magisterská diplomová práce%
737
      \thesis@czech@typeName@super
738
739
    \fi\fi}
740
741 \global\let\thesis@czech@typeName@akuzativ@super
    \thesis@czech@typeName@akuzativ
743 \gdef\thesis@czech@typeName@akuzativ{%
744 \ifx\thesis@type\thesis@bachelors
      Diplomovou práci%
745
746 \else\ifx\thesis@type\thesis@masters
      Diplomovou práci%
747
748 \else
      \thesis@czech@typeName@akuzativ@super
750 \fi\fi}
```

### 3.4.3.10 The locale/mu/ped/fithesis-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/fithesis-ped.sty style file.

```
751 \ProvidesFile{fithesis/locale/mu/ped/fithesis-czech.def}[2016/03/22]
752
753 % Zástupné texty
754 \gdef\thesis@czech@facultyName{Pedagogická fakulta}
```

#### 3.4.3.11 The locale/mu/sci/fithesis-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/fithesis-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.

```
755 \ProvidesFile{fithesis/locale/mu/sci/fithesis-czech.def}[2016/03/23]
756
757 % Zástupné texty
758 \gdef\thesis@czech@facultyName{Přírodovědecká fakulta}
759
760 % Ostatní
761 \gdef\thesis@czech@abstractTitle{Abstrakt}
```

```
762 \gdef\thesis@czech@declaration{%
763 Prohlašuji, že jsem svoji \thesis@lower{czech@typeName@%
          akuzativ} vypracoval\thesis@czech@gender@koncovka\ samo%
764
          statně s~využitím informačních zdrojů, které jsou v~práci
765
766 citovány.}
767 \gdef\thesis@czech@authorSignature{Podpis autora}
769 % Časové údaje
770 \gdef\thesis@czech@formattedDate{{%
          \thesis@day.
          \newcount\@month\expandafter\@month\thesis@month\relax
772
773
          \ifnum\@month=1%
774
               ledna
          \else\ifnum\@month=2%
775
               února
776
          \else\ifnum\@month=3%
777
               března
778
          \else\ifnum\@month=4%
779
780
               dubna
781
          \else\ifnum\@month=5%
782
          \else\ifnum\@month=6%
783
               června
784
          \else\ifnum\@month=7%
785
786
               července
787
           \else\ifnum\@month=8%
788
          \else\ifnum\@month=9%
789
               září
790
          \else\ifnum\@month=10%
791
              října
792
793 \else\ifnum\@month=11%
794
               listopadu
          \else\ifnum\@month=12%
795
796
               prosince
797
          \else
               <<neznámý měsíc (\the\@month)>>
798
          \fi\fi\fi\fi\fi\fi
799
800
          \fi\fi\fi\fi\fi\fi
          \thesis@year}}
803 % Bibliografický záznam
804 \verb|\global\let\thesis@czech@bib@author\thesis@czech@authorTitle|
805 \gdef\thesis@czech@bib@thesisTitle{Název práce}
806 \gdef\thesis@czech@bib@programme{Studijni program}
807 \global\let\thesis@czech@bib@field\thesis@czech@fieldTitle
808 \global\let\thesis@czech@bib@advisor\thesis@czech@advisorTitle
809 \gdef\thesis@czech@bib@academicYear{Akademický rok}
810 \gdef\thesis@czech@bib@pages{Počet stran}
811 \ensuremath{\mbox{\mbox{$11$ \nointer}}} \ensuremath{\mbox{\mbox{$11$ \nointer}}} \ensuremath{\mbox{\mbox{$11$ \nointer}}} \ensuremath{\mbox{\mbox{$11$ \nointer}}} \ensuremath{\mbox{\mbox{$11$ \nointer}}} \ensuremath{\mbox{$11$ \nointer}} \ensuremath{\mbox{$11$ \nointer}}
```

### 3.4.4 Slovak locale files

### 3.4.4.1 The locale/fithesis-slovak.def file

This is the base file of the Slovak locale.

812 \ProvidesFile{fithesis/locale/fithesis-slovak.def}[2016/05/25]

The locale file defines all the private macros mandated by the locale file interface.

\thesis@slovak@gender@koncovka

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

thesis@slovak@typeName@akuzativ

\thesis@slovak@typeName@akuzativ containing the accusative case of the thesis type name.

```
813
814% Pomocná makrá
815 \gdef\thesis@slovak@gender@koncovka{%
816 \ifthesis@woman a\fi}
818% Csquotes štýl
819 \gdef\thesis@slovak@csquotesStyle{german}
821 % Zástupné texty
822 \gdef\thesis@slovak@universityName{Názov univerzity}
823 \gdef\thesis@slovak@facultyName{Názov fakulty}
824 \gdef\thesis@slovak@assignment{%
825 \ifthesis@digital@
      Na tomto mieste sa v~tlačenej práci nachádza oficiálne
      podpísané zadanie práce.
827
828 \else
      Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
829
      zadania práce.
830
831 \fi}
832 \gdef\thesis@slovak@declaration{Text prehlásenie ...}
834 % Časové údaje
835 \gdef\thesis@slovak@spring{jar}
836 \gdef\thesis@slovak@fall{jeseň}
837 \gdef\thesis@slovak@semester{%
    \thesis@{slovak@\thesis@season} \thesis@seasonYear}
838
839
840 % Rôzne
841 \gdef\thesis@slovak@fieldTitle{Odbor}
842 \gdef\thesis@slovak@advisorTitle{Vedúci práce}
843 \gdef\thesis@slovak@authorTitle{Autor}
844 \gdef\thesis@slovak@abstractTitle{Zhrnutie}
845 \gdef\thesis@slovak@keywordsTitle{Kľúčové slová}
846 \gdef\thesis@slovak@thanksTitle{Podakovanie}
847 \gdef\thesis@slovak@declarationTitle{Prehlásenie}
```

```
848 \gdef\thesis@slovak@idTitle{ID}
849 \gdef\thesis@slovak@typeName{%
850 \ifx\thesis@type\thesis@sempaper
      Seminárna práca%
851
    \else\ifx\thesis@type\thesis@bachelors
852
853
      Bakalárska práca%
854
    \else\ifx\thesis@type\thesis@masters
855
      Diplomová práca%
    \else\ifx\thesis@type\thesis@doctoral
856
      Dizertačná práca%
857
    \else\ifx\thesis@type\thesis@rigorous
858
859
      Rigorózna práca%
    \else
860
      <<Neznámy typ práce (\thesis@type)>>%
861
    \fi\fi\fi\fi\fi\fi}
863 \gdef\thesis@slovak@typeName@akuzativ{%
    \ifx\thesis@type\thesis@sempaper
      Seminárnu prácu%
865
866
    \else\ifx\thesis@type\thesis@bachelors
867
      Bakalársku prácu%
    \else\ifx\thesis@type\thesis@masters
868
      Diplomovú prácu%
869
    \else\ifx\thesis@type\thesis@doctoral
870
      Dizertačnú prácu%
871
    \verb|\else| ifx\theta is @type the sis @rigorous| \\
872
873
      Rigoróznu prácu%
874
      <<Neznámy typ práce (\thesis@type)>>%
875
    \fi\fi\fi\fi\fi\fi}
```

### 3.4.4.2 The locale/mu/fithesis-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.

```
877 \ProvidesFile{fithesis/locale/mu/fithesis-slovak.def}[2016/03/22]
878
879 % Zástupné texty
880 \gdef\thesis@slovak@universityName{Masarykova univerzita}
881 \gdef\thesis@slovak@declaration{%
882    Prehlasujem, že som predloženú \thesis@lower{%
883    slovak@typeName@akuzativ} vypracoval%
884    \thesis@slovak@gender@koncovka\ samostatne len s~použitím
885    uvedenej literatúry a prameňov.}
886
887 % Bibliografický zoznam
888 \gdef\thesis@slovak@bib@title{Bibliografický záznam}
889 \gdef\thesis@slovak@bib@pages{str}
890
891 % Rôzne
```

### 3.4.4.3 The locale/mu/law/fithesis-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.

```
893 \ProvidesFile{fithesis/locale/mu/law/fithesis-slovak.def}[2015/06/26]
894
895 % Rôzne
896 \gdef\thesis@slovak@abstractTitle{Abstrakt}
897
898 % Zástupné texty
899 \gdef\thesis@slovak@facultyName{Právnická fakulta}
900 \gdef\thesis@slovak@facultyLongName{Právnická fakulta Masarykovej
901 univerzity}
```

## 3.4.4.4 The locale/mu/fsps/fithesis-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 redefines the fieldTitle string in accordance with the common usage at the faculty.

```
902 \ProvidesFile{fithesis/locale/mu/fsps/fithesis-slovak.def}[2015/06/26]
903
904 % Zástupné texty
905 \gdef\thesis@slovak@facultyName{Fakulta športových štúdií}
906
907 % Rôzne
908 \gdef\thesis@slovak@fieldTitle{Špecializácie}
```

# 3.4.4.5 The locale/mu/fss/fithesis-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 and assignment strings with the correct values.

```
909 \ProvidesFile{fithesis/locale/mu/fss/fithesis-slovak.def}[2016/05/25]
910
911 % Zástupné texty
912 \gdef\thesis@slovak@facultyName{Fakulta sociálnych štúdií}
913 \gdef\thesis@slovak@assignment{%
914 \ifthesis@digital@
915 Na tomto mieste sa v~tlačenej práci nachádza oficiálne
916 podpísané zadanie práce alebo prehlásenie autora školského
917 diela alebo obidve.
918 \else
919 Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
```

```
920 zadania práce alebo prehlásenie autora školského diela alebo
921 obidve~v závislosti na požiadavkách príslušnej katedry.
922 \fi}
```

### 3.4.4.6 The locale/mu/econ/fithesis-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.

```
923 \ProvidesFile{fithesis/locale/mu/econ/fithesis-slovak.def}[2015/06/26] 924 \gdef\thesis@slovak@facultyName{Ekonomicko-správna fakulta}
```

## 3.4.4.7 The locale/mu/med/fithesis-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/fithesis-med.sty style file.

```
925 \ProvidesFile{fithesis/locale/mu/med/fithesis-slovak.def}[2016/03/23]
926
927 % Rôzne
928 \gdef\thesis@slovak@abstractTitle{Anotácie}
929
930 % Zástupné texty
931 \gdef\thesis@slovak@facultyName{Lekárska fakulta}
```

#### 3.4.4.8 The locale/mu/fi/fithesis-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 redefines 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/fithesis-fi.sty style file.

```
932 \ProvidesFile{fithesis/locale/mu/fi/fithesis-slovak.def}[2016/05/25]
933
934 % Zástupné texty
935 \gdef\thesis@slovak@facultyName{Fakulta informatiky}
936 \gdef\thesis@slovak@assignment{%
937 \ifthesis@digital@
938 Na tomto mieste sa v~tlačenej práci nachádza oficiálne
939 podpísané zadanie práce a prehlásenie autora školského diela.
940 \else
941 Namiesto tejto stránky vložte kópiu oficiálneho podpísaného
942 zadania práce a prehlásenie autora školského diela.
943 \fi}
944 \gdef\thesis@slovak@declaration{%
```

```
Prehlasujem, že táto \thesis@lower{slovak@typeName} je mojím
pôvodným autorským dielom, ktoré som vypracoval%
\thesis@slovak@gender@koncovka\ samostatne. Všetky zdroje,
pramene a literatúru, ktoré som pri vypracovaní
používal\thesis@slovak@gender@koncovka\ alebo z~nich
čerpal\thesis@slovak@gender@koncovka, v~práci riadne citujem
s~uvedením úplného odkazu na príslušný zdroj.}
852
953 % Rôzne
954 \gdef\thesis@slovak@advisorSignature{Podpis vedúceho}
```

## 3.4.4.9 The locale/mu/phil/fithesis-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.

The locale file also defines the departmentName string, which is used by the style/mu/fithesis-phil.sty style file, when typesetting the names of known departments.

```
955 \ProvidesFile{fithesis/locale/mu/phil/fithesis-slovak.def}[2016/03/22]
957 % Zástupné texty
958 \gdef\thesis@slovak@facultyName{Filozofická fakulta}
959 \gdef\thesis@slovak@departmentName{%
    \ifx\thesis@department\thesis@departments@kisk
961
      Kabinet informačných štúdií a knihovníctva%
962
    \else
      <<Neznáme oddělenie (\thesis@department)>>%
963
964 \fi}
965 \gdef\thesis@czech@declaration{%
    \ifx\thesis@department\thesis@departments@kisk
      Prehlasujem, že som predkladanú prácu spracoval%
967
      \thesis@slovak@gender@koncovka\ samostatne~a použil%
968
      \thesis@slovak@gender@koncovka\ len uvedené pramene~a
969
      literatúru. Súčasne dávam súhlas k tomu, aby elektronická
970
971
      verzia tejto práce bola sprístupnená cez informačný
972
      systém Masarykovej univerzity.%
973
    \else
974
      Prehlasujem, že som predloženú \thesis@lower{%
      slovak@typeName@akuzativ} vypracoval%
975
      \thesis@slovak@gender@koncovka\ samostatne na základe vlastných
976
      zistení a len s~použitím uvedenej literatúry a prameňov.%
977
978
    \fi}
979
981 \global\let\thesis@slovak@typeName@super
982 \thesis@slovak@typeName
983 \gdef\thesis@slovak@typeName{%
```

```
\ifx\thesis@type\thesis@bachelors
984
       Bakalárska diplomová práca%
985
     \else\ifx\thesis@type\thesis@masters
986
       Magisterská diplomová práca%
987
988
989
       \thesis@slovak@typeName@super
990
     \fi\fi}
991
992 \global\let\thesis@slovak@typeName@akuzativ@super
993 \thesis@slovak@typeName@akuzativ
994 \gdef\thesis@slovak@typeName@akuzativ{%
     \ifx\thesis@type\thesis@bachelors
       Diplomovú prácu%
     \else\ifx\thesis@type\thesis@masters
       Diplomovú prácu%
998
999
     \else
       \thesis@slovak@typeName@akuzativ@super
1000
1001
     \fi\fi}
```

## 3.4.4.10 The locale/mu/ped/fithesis-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/fithesis-ped.sty style file.

```
1002 \ProvidesFile{fithesis/locale/mu/ped/fithesis-slovak.def}[2016/03/22]
1003
1004 % Zástupné texty
1005 \gdef\thesis@slovak@facultyName{Pedagogická fakulta}
```

### 3.4.4.11 The locale/mu/sci/fithesis-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.

```
1006 \ProvidesFile{fithesis/locale/mu/sci/fithesis-slovak.def}[2015/06/26]
1007
1008 % Zástupné texty
1009 \gdef\thesis@slovak@facultyName{Prírodovedecká fakulta}
```

## 3.5 Style files

\file

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 2.4).

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 the sectioning of 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 Itxdoc manuals.

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#### 3.5.1 Interface

The union of style files loaded via the style file inheritance scheme (see the definition of the \thesis@requireStyle macro in Section 3.1) should globally define at least one of the following macros:

\thesis@blocks@preamble

• \thesis@blocks@preamble – If autolayout is enabled, then this macro is expanded at the very beginning of the document.

\thesis@blocks@postamble

 \thesis@blocks@postamble – If autolayout is enabled, then this macro is expanded at the very end of the document.

\thesis@blocks@mainMatter

• \thesis@blocks@mainMatter - If autolayout is enabled, then this macro is expanded at the beginning of the document right after \thesis@blocks@preamble. This macro sets the style of the main matter of the thesis.

## 3.5.2 Base style files

## 3.5.2.1 The style/fithesis-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.

```
1010 \NeedsTeXFormat{LaTeX2e}
1011 \ProvidesPackage{fithesis/style/fithesis-base}[2015/06/23]
```

## 3.5.2.2 The style/mu/fithesis-base.sty file

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

```
1012 \ProvidesPackage{fithesis/style/mu/fithesis-base}[2016/06/06]
1013 \NeedsTeXFormat{LaTeX2e}
```

The file recognizes the following options:

• 10pt, 11pt, 12pt – Sets the type size to 10, 11 or 12 points respectively.

```
1014 \DeclareOption{10pt}{\def\thesis@ptsize{0}}

1015 \DeclareOption{11pt}{\def\thesis@ptsize{1}}

1016 \DeclareOption{12pt}{\def\thesis@ptsize{2}}
```

• oneside, twoside – The document is going to be either single- or double-sided, respectively. In a double-sided document, headers, page numbering, margin notes and several other elements will be arranged based on the parity of the page. Blank pages will also be inserted prior the beginning of each chapter to ensure that it starts on a right-hand (odd-numbered) page. The \ifthesis@twoside@conditional is set to either false or true, respectively.

\ifthesis@twoside@

1017 \newif\ifthesis@twoside@

```
1018 \DeclareOption{oneside}{%
1019 \thesis@twoside@false\@twosidefalse\@mparswitchfalse}
1020 \DeclareOption{twoside}{%
1021 \thesis@twoside@true \@twosidetrue \@mparswitchtrue}
```

• onecolumn, twocolumn – The document is going to be set in either a single column or in two columns, respectively.

```
1022 \DeclareOption{onecolumn}{\@twocolumnfalse}
1023 \DeclareOption{twocolumn}{\@twocolumntrue}
```

 draft, final – Overful lines either are or aren't marked within the document, respectively, and graphics either aren't or are inserted into the document, respectively.

```
1024 \DeclareOption{draft}{\setlength\overfullrule{5pt}}
1025 \DeclareOption{final}{\setlength\overfullrule{0pt}}
```

\ifthesis@palatino@

• palatino, nopalatino – The roman text font family and the 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. The Palatino font is a part of the visual identity of the Faculty of Informatics at which the document class was created.

```
1026 \newif\ifthesis@palatino@
1027 \DeclareOption{palatino}{\thesis@palatino@true}
1028 \DeclareOption{nopalatino}{\thesis@palatino@false}
```

\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.

\ifthesis@microtype@

microtype, nomicrotype – The microtypographic extension of modern TEX engines – such as pdfTEX, XETEX, or LuaTEX – is or isn't going to be enabled, respectively. The \ifthesis@microtype@ conditional is set to either true or false, respectively.

• table, oldtable — If the \ifthesis@color@ conditional is true, then the definitions of the tabular, tabularx, and tabu 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.

\ifthesis@newtable@

```
1035 \newif\ifthesis@newtable@
1036 \DeclareOption{table}{\thesis@newtable@true}
1037 \DeclareOption{oldtable}{\thesis@newtable@false}
```

The choice of the option 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 fithesis3 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@lot

\thesis@blocks@tables

• lot, nolot – The \thesis@blocks@lot macro will be defined as either \listoftables or \relax, respectively. As a side effect, the \listoftables either is or isn't going to be included in the \thesis@blocks@tables block, respectively.

```
1038 \DeclareOption{nolot}{\let\thesis@blocks@lot\relax}
1039 \DeclareOption{lot}{\let\thesis@blocks@lot\listoftables}
```

\thesis@blocks@lof

\thesis@blocks@tables

• lot, nolot – The \thesis@blocks@lof macro will be defined as either \listoffigures or \relax, respectively. As a side effect, the \listoffigures either is or isn't going to be included in the \thesis@blocks@tables block, respectively.

```
1040 \DeclareOption{nolof}{\let\thesis@blocks@lof\relax}
1041 \DeclareOption{lof}{\let\thesis@blocks@lof\listoffigures}
```

\thesis@blocks@cover

\ifthesis@cover@

• cover, nocover — The \thesis@blocks@cover either is going to expand to either the thesis cover or produces no output, respectively. The \ifthesis@cover@conditional is set to false or true, respectively.

```
1042 \newif\ifthesis@cover@
1043 \DeclareOption{nocover}{\thesis@cover@false}
1044 \DeclareOption{cover}{\thesis@cover@true}
```

 digital, printed – These macrooptions set the options that are appropriate for either the printed or for the digital version of the document, respectively.
 The \ifthesis@digital@conditional is set to true or false, respectively.

\ifthesis@digital@

### These are the default options:

```
1052 \ExecuteOptions{%
1053 printed,12pt,twoside,final,microtype,palatino,oldtable,lot,lof}
1054 \ProcessOptions*
```

The file uses English locale strings within the macros.

1055 \thesis@requireLocale{english}

The file loads the following packages:

- xcolor Adds support for color manipulation.
- ifxetex Used to detect the X<sub>\begin{aligned}TEX\enginemath{}EX\end{aligned} engine.
  </sub>
- ifluatex Used to detect the LuaTEX engine.
- graphix 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 the injection of metadata into the resulting PDF document.
- keyval Adds support for parsing comma-delimited lists of key-value pairs.

```
1056 \thesis@require{xcolor}
1057 \thesis@require{graphicx}
1058 \thesis@require{pdfpages}
1059 \thesis@require{keyval}
1060 \thesis@require{ifxetex}
1061 \thesis@require{ifluatex}
```

If the \thesis@microtype@ is set to true, then the microtype package gets loaded.

```
1062 \ifthesis@microtype@
1063 \thesis@require[final,babel]{microtype}
1064 \fi
```

\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 XaTeX or the LuaTeX engine is being used.

```
1065 {\let\x\expandafter
1066 \x\global\x\let\x\ifthesis@xeluatex\csname if%
1067 \ifxetex true\else
1068 \ifluatex\x\x\x t\x\x\x r\x\x\x u\x\x\x e%
1069 \else f\x\x\x a\x\x\x l\x\x\x s\x\x\x e%
1070 \fi
1071 \fi\endcsname}
```

The following packages get only loaded, when the document is being typeset using the X<sub>H</sub>T<sub>E</sub>X or LuaT<sub>E</sub>X engine:

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

Under X<sub>H</sub>T<sub>E</sub>X or LuaT<sub>E</sub>X, the TeX Gyre Pagella and TeX Gyre Pagella Math are also selected as the main text and math fonts.

```
1072 \ifthesis@xeluatex
1073 \ifthesis@palatino@
1074 \thesis@require{fontspec}
1075 \thesis@require{unicode-math}
1076 \setmainfont[Ligatures=TeX]{TeX Gyre Pagella}
1077 \setmathfont[math-style=ISO,bold-style=ISO,vargreek-shape=TeX]%
1078 {texgyrepagella-math.otf}
1079 \fi
```

The following packages get only loaded, when the document is not being typeset using the XHTEX or LuaTEX engine and the \ifthesis@palatino@ conditional is true:

- cmap Places an explicit ToUnicode map in the resulting PDF file, allowing for the extraction of the text from the document.
- mathpazo Changes the default math font family to mathpazo.
- tgpagella Changes the default roman font family to T<sub>F</sub>X Gyre Pagella.
- Imodern 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.

```
1080 \else
1081 \ifthesis@palatino@
1082 \RequirePackage[resetfonts]{cmap}
1083 \thesis@require{lmodern}
1084 \thesis@require{mathpazo}
1085 \thesis@require{tgpagella}
1086 \RequirePackage[T1]{fontenc}
1087 \fi
1088 \fi
```

If the \thesis@newtable@ conditional is true, then some of the dimensions associated with tables are modified in preparation for the coloring of the table cells. The following packages are also loaded:

- tabularx Provides the tabularx environment, which enables the typesetting
  of tables with flexible-width columns.
- tabu Provides the tabu environment, which enables the typesetting of complex tables.
- booktabs A package, which allows the creation of publication-quality tables in LATEX.

```
1089 \let\thesis@newtable@old\tabular
1090 \let\endthesis@newtable@old\endtabular
1091 \ifthesis@newtable@
    % Load the packages.
1092
     \thesis@require{tabularx}
1093
1094
     \thesis@require{tabu}
1095
     \thesis@require{booktabs}
     % Adjust the measurements.
1096
     \setlength{\aboverulesep}{0pt}
1097
     \setlength{\belowrulesep}{0pt}
1098
     \setlength{\extrarowheight}{.75ex}
1099
```

When both the \thesis@newtable@ and \thesis@color@ conditionals are true, then 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. Similarly, the \thesis@newtable@oldx and \endthesis@newtable@oldx macros are defined for the tabularx environment and the \thesis@newtable@oldtabu and \endthesis@newtable@oldtabu for the tabu environment.

```
\ifthesis@color@
1100
       % The redefinition of 'tabular'
1101
       \renewenvironment{tabular}%
1102
          {\rowcolors{1}{thesis@color@tableOdd}%
1103
1104
                        {thesis@color@tableEven}%
1105
           \thesis@newtable@old}%
          {\endthesis@newtable@old}
1106
       % The redefinition of 'tabularx'
1107
       \let\thesis@newtable@oldx\tabularx
1108
       \let\endthesis@newtable@oldx\endtabularx
1109
       \renewenvironment{tabularx}%
1110
          {\rowcolors{1}{thesis@color@tableEven}%
1111
                        {thesis@color@tableOdd}%
1112
           \thesis@newtable@oldx}%
1113
          {\endthesis@newtable@oldx}
1114
       % The redefinition of 'tabu'
1115
       \let\thesis@newtable@oldtabu\tabu
1116
1117
       \let\endthesis@newtable@oldtabu\endtabu
1118
       \renewenvironment{tabu}%
          {\rowcolors{1}{thesis@color@tableEven}%
1119
                        {thesis@color@tableOdd}%
1120
           \thesis@newtable@oldtabu}%
1121
1122
          {\endthesis@newtable@oldtabu}
     \fi
1123
1124\fi
```

\ifthesis@bibliography@

A new conditional, \ifthesis@bibliography@, is defined. This conditional is true, when \thesis@bibFiles expands to a non-empty token list.

\thesis@newtable@old \endthesis@newtable@old

\thesis@newtable@oldx \endthesis@newtable@oldx \thesis@newtable@oldtabu \endthesis@newtable@oldtabu

\thesis@bibliography@setup

The file defines the  $\t \$  command, where options is a comma-delimited list of key-value pairs as defined by the keyval package. The command can be invoked by the subsequently loaded style files to define the bibliography options.

```
1133 \def\thesis@bibliography@setup#1{%
1134 \setkeys{thesis@bibliography}{#1}}
```

The following key-value pairs are supported:

\thesis@bibliography@style

1.  ${\langle style=style \rangle}$  - Stores style in \thesis@bibliography@style, unless it has already been defined (presumably by the user).

\thesis@bibliography@sorting

2.  ${\langle sorting=mode \rangle}$  - Stores mode in \thesis@bibliography@sorting, unless it has already been defined (presumably by the user).

```
1135 \define@key{thesis@bibliography}{style}{%
1136 \ifx\thesis@bibliography@style\undefined
1137 \def\thesis@bibliography@style{#1}%
1138 \fi}
1139 \define@key{thesis@bibliography}{sorting}{%
1140 \ifx\thesis@bibliography@sorting\undefined
1141 \def\thesis@bibliography@sorting{#1}%
1142 \fi}
```

\thesis@bibliography@load

When \ifthesis@bibliography@is true and \ifthesis@bibliography@loaded@is false, the \thesis@bibliography@load macro loads the csquotes and BibLATEX packages with the bibliography databases specified in \thesis@bibFiles. The macro also sets the \ifthesis@bibliography@loaded@conditional to true.

\thesis@bibliography@loaded

```
1143 \newif\ifthesis@bibliography@loaded@
1144 \thesis@bibliography@loaded@false
1145 \newif\ifthesis@bibliography@included@
1146 \thesis@bibliography@included@false
1147 \def\thesis@bibliography@loaded%
1148 \ifthesis@bibliography@loaded@\else
1150 \thesis@bibliography@loaded@true
1151 % Load csquotes and BibLaTeX.
1152 \thesis@require{csquotes}
```

If \thesis@bibliography@style is undefined, the bibliography and citation styles default to iso-numeric. If \thesis@bibliography@sorting is undefined, the sorting scheme defaults to none.

```
\thesis@bibliography@setup{
1153
            style = iso-numeric,
1154
            sorting = none}
1155
          \thesis@require[
1156
            backend=biber,
1157
            style=\thesis@bibliography@style,
1158
1159
            sorting=\thesis@bibliography@sorting,
1160
            autolang=other,
            sortlocale=auto]{biblatex}
1161
          % Load the bibliography databases.
1162
          {\edef\@bibList{\thesis@bibFiles}%
1163
          \def\@inject##1,{%
1164
            \def\@args{##1}\def\@relax{\relax}%
1165
            \ifx\@args\@relax\else
1166
              % Trim leading spaces.
1167
              \edef\@trimmed{\romannumeral-'\.##1}%
1168
              \addbibresource\@trimmed
1169
              \expandafter\@inject\fi}%
1170
1171
          \expandafter\@inject\@bibList,\relax,}%
```

ifthesis@bibliography@included@

The \ifthesis@bibliography@included@ conditional is true, when the user has manually included a bibliography into their document. The default value of the conditional is false and \printbibliography is patched to set the conditional to true on expansion. This enables the user to place the bibliography manually without it appearing in the autolayout. The original macro is stored in the

 $\verb|\thesis@printbibliography@old \land thesis@printbibliography@old macro.|$ 

```
1172  \let\thesis@printbibliography@old\printbibliography
1173  \def\printbibliography{%
1174  \global\thesis@bibliography@included@true
1175  \thesis@printbibliography@old}
1176  \fi
1177  \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.

```
1178 \thesis@require{hyperref}
1179 \hypersetup{pdfborderstyle={/S/U/W 1}} % Less obtrusive borders
Clubs and widows are set to be infinitely bad.
1180 \widowpenalty 10000
1181 \clubpenalty 10000
```

\thesis@color@setup

The file defines the \thesis@color@setup{ $\langle colors \rangle$ } 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.

```
1182 \def\thesis@color@setup#1{%
1183 \setkeys{thesis@color}{#1}}
```

The following key-value pairs are supported:

- {\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.  $\{\langle tableOdd=color \rangle\}$  Stores the color of the odd rows of the redefined tabular and tabularx environments under the name thesis@color@tableOdd.
- 3.  $\{\langle tableEven=color \rangle\}$  Stores the color of the even rows of the redefined tabular and tabular environments under the name thesis@color@tableEven.
- 4.  ${\langle tableEmph=color \rangle}$  Stores the color of an emphasized cell in a table user under the name thesis@color@tableEmph. This color is meant to be used manually by the user.

```
1184 \define@key{thesis@color}{links}{%
1185 \definecolor{thesis@color@links}#1
1186 \hypersetup{linkbordercolor=thesis@color@links}}
1187 \define@key{thesis@color}{tableOdd}{%
1188 \definecolor{thesis@color@tableOdd}#1}
1189 \define@key{thesis@color}{tableEven}{%
1190 \definecolor{thesis@color@tableEven}#1}
1191 \define@key{thesis@color}{tableEmph}{%
1192 \definecolor{thesis@color@tableEmph}#1}
```

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

## \thesis@blocks@coverMatter

The \thesis@blocks@coverMatter macro sets up the style of the cover and the title page of the thesis. This amounts to disabling the page numbering, so that hyperref links do not point to the cover page and the title page instead of the initial pages of the main matter.

```
1193 \def\thesis@blocks@coverMatter{%
1194 \pagenumbering{gobble}}
```

#### \thesis@blocks@frontMatter

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

```
1195 \def\thesis@blocks@frontMatter{%
1196 \thesis@blocks@clear
1197 \pagestyle{plain}
1198 \parindent 1.5em
1199 \setcounter{page}{1}
1200 \pagenumbering{roman}}
```

### \thesis@blocks@clear

The \thesis@blocks@clear macro clears the current page. It also clears the next left-hand (even-numbered) page, when double-sided typesetting is enabled.

```
1201 \def\thesis@blocks@clear{%
1202 \ifthesis@twoside@
1203 \clearpage
```

```
1204 \thispagestyle{empty}%
1205 \cleardoublepage
1206 \else
1207 \newpage
1208 \fi}
```

\thesis@blocks@clearRight

The \thesis@blocks@clearRight macro clears the current page. It also clears the next right-hand (odd-numbered) page, when double-sided typesetting is enabled.

```
1209 \def\thesis@blocks@clearRight{%
1210 \ifthesis@twoside@
1211
       \clearpage
       \ifodd\value{page}%
1212
          \thispagestyle{empty}%
1213
1214
          \hbox{}%
          \newpage
1215
       \fi
1216
     \else
1217
1218
       \newpage
1219
```

s@blocks@facultyLogo@monochrome

The  $\t \ensuremath{\t}$  thesis@blocks@facultyLogo@monochrome[ $\t \ensuremath{\t}$ ] macro typesets the  $\t \ensuremath{\t}$  thesis@logopath $\t \ensuremath{\t}$  thesis@facultyLogo logo with the given options passed to  $\t \ensuremath{\t}$  includegraphics.

thesis@blocks@facultyLogo@color

```
1224 \newcommand{\thesis@blocks@facultyLogo@color}[1]%
1225    [width=40mm]{{%
1226     \edef\@path{\thesis@logopath\thesis@facultyLogo
1227     \ifthesis@color@-color\fi}%
1228     \includegraphics[#1]{\@path}}}
```

locks@universityLogo@monochrome

```
1229 \newcommand{\thesis@blocks@universityLogo@monochrome}[1]%
1230  [width=40mm]{{%
1231  \edef\@path{\thesis@logopath\thesis@universityLogo}%
1232  \includegraphics[#1]{\@path}}}
```

sis@blocks@universityLogo@color

The  $\t \$  macro typesets either the  $\t \$  macro typesets either the  $\t \$  is @logopath \the sis @university Logo logo, if the  $\$  if the sis @color @con-

ditional is false, or the \thesis@logopath\thesis@universityLogo-color logo otherwise with the given *options* passed to \includegraphics.

```
1233 \newcommand{\thesis@blocks@universityLogo@color}[1]%
1234   [width=40mm]{{%
1235     \edef\@path{\thesis@logopath\thesis@universityLogo
1236     \ifthesis@color@-color\fi}%
1237     \includegraphics[#1]{\@path}}}
```

The \thesis@department@name and \thesis@field@name macros and their English counterparts provide a level of indirection that allows the subsequently loaded style files to parse the values of \thesis@department and \thesis@field (and their English counterparts) and map them to human-readable names, which will then be typeset.

```
1238 \let\thesis@department@name\thesis@department
1239 \let\thesis@departmentEn@name\thesis@departmentEn
1240 \let\thesis@field@name\thesis@field
1241 \let\thesis@fieldEn@name\thesis@fieldEn
```

\thesis@blocks@cover

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

\thesis@blocks@cover@header

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

\thesis@blocks@cover@footer

• \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.

```
1242 \def\thesis@blocks@cover{%
1243 \ifthesis@cover@
1244
       \thesis@blocks@clear
1245
       \begin{alwayssingle}%
         \thispagestyle{empty}%
1246
1247
          \begin{center}%
1248
            \thesis@blocks@cover@header
            \thesis@blocks@facultyLogo@monochrome\\[0.4in]%
1249
1250
            \let\footnotesize\small
            \let\footnoterule\relax{}%
1251
            \thesis@blocks@cover@content
1252
1253
            \par\vfill
            \thesis@blocks@cover@footer
1254
          \end{center}%
1255
1256
       \end{alwayssingle}%
1257
```

The output of the \thesis@blocks@cover@header macro is controlled by the following conditionals:

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 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 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 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 is false.

The sebsequently loaded style files can modify the value of these conditionals to alter the output of the \thesis@blocks@cover@header macro without altering its definition.

```
1258 \newif\ifthesis@blocks@cover@university@
1259 \thesis@blocks@cover@university@true
1260 \newif\ifthesis@blocks@cover@faculty@
1261 \thesis@blocks@cover@faculty@true
1262 \newif\ifthesis@blocks@cover@department@
1263 \thesis@blocks@cover@department@false
1264 \newif\ifthesis@blocks@cover@field@
1265 \thesis@blocks@cover@field@false
1266
1267 \def\thesis@blocks@cover@header{%
1268 {\sc\ifthesis@blocks@cover@university@
           \thesis@titlePage@LARGE\thesis@@{universityName}\\%
1269
1270
     \fi\ifthesis@blocks@cover@faculty@
           \thesis@titlePage@Large\thesis@@{facultyName}\\%
1271
1272
     \fi\ifthesis@blocks@cover@department@
           \thesis@titlePage@large\thesis@department@name\\%
1273
1274
         \fi}
1275 \ifthesis@blocks@cover@field@
       {\thesis@titlePage@large\vskip 1em%
1276
1277
         {\bf\thesis@@{fieldTitle}:} \thesis@field@name}%
1278 \fi\vskip 2em}
1279 \def\thesis@blocks@cover@content{%
1280 {\thesis@titlePage@Huge\bf\thesis@TeXtitle\par\vfil}%
1281 \vskip 0.8in%
1282 {\thesis@titlePage@large\sc\thesis@@{typeName}}\\[0.3in]%
1283 {\thesis@titlePage@Large\bf\thesis@author}}
1284 \def\thesis@blocks@cover@footer{%
    {\thesis@titlePage@large\thesis@place, \thesis@@{semester}}}
```

\thesis@blocks@titlePage

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

```
1286 \def\thesis@blocks@titlePage{%
       \thesis@blocks@clear
1287
       \begin{alwayssingle}%
1288
         \thispagestyle{empty}%
1289
          \begin{center}%
1290
            \thesis@blocks@titlePage@header
1291
            \thesis@blocks@facultyLogo@color\\[0.4in]%
1292
            \let\footnotesize\small
1293
            \let\footnoterule\relax{}%
1294
            \thesis@blocks@titlePage@content
1295
1296
            \par\vfill
            \thesis@blocks@titlePage@footer
1297
1298
         \end{center}%
       \end{alwayssingle}}
1299
```

The output of the \thesis@blocks@titlePage@header macro is controlled by the following conditionals:

- 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 is true.
- \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 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 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 is false.

The sebsequently loaded style files can modify the value of these conditionals to alter the output of the \thesis@blocks@titlePage@header macro without altering its definition.

```
1300 \newif\ifthesis@blocks@titlePage@university@
1301 \thesis@blocks@titlePage@university@true
1302 \newif\ifthesis@blocks@titlePage@faculty@
1303 \thesis@blocks@titlePage@faculty@true
1304 \newif\ifthesis@blocks@titlePage@department@
1305 \thesis@blocks@titlePage@department@false
1306 \newif\ifthesis@blocks@titlePage@field@
1307 \thesis@blocks@titlePage@field@false
1308
```

```
1309 \def\thesis@blocks@titlePage@header{%
                            1310 {\sc\ifthesis@blocks@titlePage@university@
                                        \thesis@titlePage@LARGE\thesis@@{universityName}\\%
                            1311
                                   \fi\ifthesis@blocks@titlePage@faculty@
                            1312
                                        \thesis@titlePage@Large\thesis@@{facultyName}\\%
                            1313
                            1314
                                   \fi\ifthesis@blocks@titlePage@department@
                            1315
                                        \thesis@titlePage@large\thesis@department@name\\%
                            1316
                                      \fi}
                                  \ifthesis@blocks@titlePage@field@
                            1317
                                    {\thesis@titlePage@large\vskip 1em%
                            1318
                                      {\bf\thesis@@{fieldTitle}:} \thesis@field@name}%
                            1319
                            1320 \fi\vskip 2em}
                             1321 \let\thesis@blocks@titlePage@content=\thesis@blocks@cover@content
                             1322 \let\thesis@blocks@titlePage@footer=\thesis@blocks@cover@footer
        \thesis@blocks@toc
                            The \thesis@blocks@toc macro typesets the table of contents.
                            1323 \def\thesis@blocks@toc{%
                            1324 \thesis@blocks@clear
                            1325 \tableofcontents}
     \thesis@blocks@tables
                            The \thesis@blocks@tables macro typesets the table of contents and optionally
                            the list of tables and the list of figures.
                            1326 \def\thesis@blocks@tables{%
                                 \thesis@blocks@toc
                                \thesis@blocks@lot
                                \thesis@blocks@lof}
                            The \thesis@blocks@declaration macro typesets the declaration text.
\thesis@blocks@declaration
                            1330 \def\thesis@blocks@declaration{%
                            1331
                                 \thesis@blocks@clear
                            1332 \begin{alwayssingle}%
                                    \chapter*{\thesis@@{declarationTitle}}%
                            1333
                            1334
                                    \thesis@declaration
                            1335
                                    \vskip 2cm%
                            1336
                                    \hfill\thesis@author
                                  \end{alwayssingle}}
                            The \thesis@blocks@thanks macro typesets the acknowledgement, if the \thesis@thanks
     \thesis@blocks@thanks
                            macro is defined. Otherwise, the macro produces no output.
                            1338 \def\thesis@blocks@thanks{%
                                  \ifx\thesis@thanks\undefined\else
                            1339
                                    \thesis@blocks@clear
                            1340
                            1341
                                    \begin{alwayssingle}%
                            1342
                                      \chapter*{\vspace*{\fill}\thesis@@{thanksTitle}}%
                                      \thesis@thanks
                            1343
                                    \end{alwayssingle}%
                            1344
                             1345
```

\thesis@blocks@abstract The \thesis@blocks@abstract macro typesets the abstract.

```
\begin{alwayssingle}%
                            1347
                                   % Start the new chapter without clearing the right page
                            1348
                                   {\def\cleardoublepage{}
                            1349
                                    \chapter*{\thesis@@{abstractTitle}}}%
                            1350
                            1351
                                   \noindent\thesis@abstract
                            1352
                                    \par\vfil\null
                                 \end{alwayssingle}}
                            1353
\thesis@blocks@abstractEn
                            The \thesis@blocks@abstractEn macro typesets the abstract in English. If the
                            current locale is English, the macro produces no output.
                            1354 \def\thesis@blocks@abstractEn{%
                                 \ifthesis@english\else
                                    {\thesis@selectLocale{english}%
                            1356
                            1357
                                    \begin{alwayssingle}%
                                     % Start the new chapter without clearing the right page
                            1358
                                      {\def\cleardoublepage{}%
                            1359
                                      \chapter*{\thesis@english@abstractTitle}%
                            1360
                                      \thesis@abstractEn}%
                            1361
                            1362
                                      \par\vfil\null
                                    \end{alwayssingle}}%
                            1363
                            1364
                                 \fi}
                            The \thesis@blocks@keywords macro typesets the keywords.
  \thesis@blocks@keywords
                            1365 \def\thesis@blocks@kevwords{%
                                 \begin{alwayssingle}%
                            1366
                                   % Start the new chapter without clearing the right page
                            1367
                                    {\def\cleardoublepage{}%
                            1368
                                    \chapter*{\thesis@@{keywordsTitle}}%
                            1369
                                    \noindent\thesis@TeXkeywords}%
                            1370
                                    \par\vfil\null
                            1371
                                 \end{alwayssingle}}
\thesis@blocks@keywordsEn
                            The \thesis@blocks@keywordsEn macro typesets the keywords in English. If the
                            current locale is English, the macro produces no output.
                            1373 \def\thesis@blocks@keywordsEn{%
                                 \ifthesis@english\else
                            1374
                                    {\thesis@selectLocale{english}%
                            1375
                                    \begin{alwayssingle}%
                            1376
                                     % Start the new chapter without clearing the right page
                            1377
                                      {\def\cleardoublepage{}%
                            1378
                                      \chapter*{\thesis@english@keywordsTitle}%
                            1379
                            1380
                                      \thesis@TeXkeywordsEn}%
                                      \par\vfil\null
                            1381
```

1346 \def\thesis@blocks@abstract{%

\thesis@rewind The \thesis@rewind macro rewinds the page numbers by either one or two pages, depending on whether one-side or two-side typesetting is enabled, respectively.

\end{alwayssingle}}%

1382

1383

\fi}

```
1384 \def\thesis@rewind{%
1385 \addtocounter{page}{-\ifthesis@twoside@2\else1\fi}}
```

\thesis@blocks@assignment

The \thesis@blocks@assignment macro produces a different output depending on the values of the \thesis@assignmentFiles. \ifthesis@blocks@assignment@, \ifthesis@blocks@assignment@hideIfDigital@, and \ifthesis@digital macros.

\ifthesis@blocks@assignment@ The default value \ifthesis@blocks@assignment@hixderidDtigritals is true.

The default value of the \ifthesis@blocks@assignment@and \ifthesis@blocks@assignment@hideIfD endfbtigitals is true.

```
1386 \newif\ifthesis@blocks@assignment@
1387 \thesis@blocks@assignment@true
1388 \newif\ifthesis@blocks@assignment@hideIfDigital@
1389 \thesis@blocks@assignment@hideIfDigital@true
1390 \def\thesis@blocks@assignment{%
```

If the \ifthesis@blocks@assignment@conditional is true and the \thesis@assignmentFiles macro is undefined, then typeset a placeholder page.

\@inject Locally define \@inject as our routine for injecting lists of PDF documents.

```
{\edef\@pdfList{\thesis@assignmentFiles}%
1400
1401
         \let\ea\expandafter
         % Injects the specified PDF documents.
1402
         \def\@inject##1,{\thesis@blocks@clear
1403
            \def\@args{##1}\def\@relax{\relax}%
1404
            \ifx\@args\@relax\else
1405
             % Trim leading spaces.
1406
              \edef\@trimmed{\romannumeral-'\.##1}%
1407
              % Rewind the pages and include the PDF.
1408
              \thesis@rewind\includepdf[pages=-]\@trimmed
1409
              \ea\@inject\fi}%
```

If the \ifthesis@blocks@assignment@conditional is true and the \thesis@assignmentFiles macro is neither undefined nor empty, then typeset a placeholder page, if the \ifthesis@digital@conditional is true and the \ifthesis@blocks@assignmane@hideIfDigital@conditional is true

```
\ifx\@pdfList\empty\else
1411
            \ifthesis@digital@
1412
              \ifthesis@blocks@assignment@hideIfDigital@
1413
                \thesis@blocks@clear
1414
                \begin{alwayssingle}%
1415
                  \thispagestyle{empty}\thesis@rewind
1416
1417
                  \noindent\textit{\thesis@@{assignment}}%
1418
                \end{alwayssingle}%
```

If the \ifthesis@blocks@assignment@conditional is true and the \thesis@assignmentFiles macro is neither undefined nor empty, then inject the PDF documents specified in the \thesis@assignmentFiles, if the \ifthesis@digital@conditional is false or the \ifthesis@blocks@assignment@hideIfDigital@conditional is false.

```
\else
1419
                 \ea\@inject\@pdfList,\relax,%
1420
               \fi
1421
1422
               \ea\@inject\@pdfList,\relax,%
1423
1424
            \fi
1425
          fi}%
1426
        \fi
1427
     \fi}
```

\thesis@blocks@mainMatter

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

```
1428 \def\thesis@blocks@mainMatter{%
1429 \thesis@blocks@clear
1430 \setcounter{page}{1}
1431 \pagenumbering{arabic}
1432 \pagestyle{thesisheadings}
1433 \parindent 1.5em\relax}
```

\thesis@blocks@bibEntry

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

- bib@title The title of the entire block
- bib@pages The abbreviation of pages used in the bibliographical entry

```
1434 \def\thesis@blocks@bibEntry{%
1435 \chapter*{\thesis@e{bib@title}}
1436 \noindent\thesis@upper{author@tail}, \thesis@author@head.
1437 \emph{\thesis@title}. \thesis@place: \thesis@e{universityName},
1438 \thesis@e{facultyName}, \thesis@department@name, \thesis@year.
1439 \thesis@pages\ \thesis@e{bib@pages}.
1440 \thesis@e{advisorTitle}: \thesis@advisor
1441 \thesis@blocks@clearRight}
```

\thesis@blocks@bibliography

When \ifthesis@bibliography@loaded@is true and \ifthesis@bibliography@included@false, then the \thesis@blocks@bibliography macro typesets a bibliography via the BibLATEX package. Otherwise, this macro produces no output.

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 fithesis-10.clo, fithesis-11.clo or fithesis-12.clo file is loaded from the \thesis@stylepath mu directory, respectively.

```
1450% Table of contents will contain sectioning commands up to
1451% \subsection.
1452 \setcounter{tocdepth}{2}
1454% Sections up to \subsection will be numbered.
1455 \setcounter{secnumdepth}{2}
1456
1457% Load the 'fithesis-1*.clo' size option.
1458 \input\thesis@stylepath mu/fithesis-1\thesis@ptsize.clo\relax
1460% Define the running heading style.
1461 \def\ps@thesisheadings{%
     \def\chaptermark##1{%
1462
1463
       \markright{%
         \ifnum\c@secnumdepth >\m@ne
1464
            \thechapter.\ %
1465
         \fi ##1}}
1466
     \let\@oddfoot\@empty
1467
     \let\@oddhead\@empty
1468
     \def\@oddhead{%
1469
       \vbox{%
1470
          \hbox to \textwidth{%
1471
1472
         \hfil{\sc\rightmark}}%
         \vskip 4pt\hrule}}
1473
1474
     \if@twoside
1475
       \def\@evenhead{%
1476
         \vbox{%
            \hbox to \textwidth{%
1477
              {\sc\rightmark}%
1478
1479
              \hfil}
            \vskip 4pt\hrule}}
1480
1481
     \else
       \let\@evenhead\@oddhead
1482
1483
     \def\@oddfoot{\hfil\PageFont\thepage}
1484
1485
     \if@twoside
1486
       \def\@evenfoot{\PageFont\thepage\hfil}%
1487
1488
       \let\@evenfoot\@oddfoot
1489
     \fi
     \let\@mkboth\markboth}
1490
1491
1492% Redefine the style of the chapter headings.
1493 \renewcommand*\chapter{%
```

```
\thesis@blocks@clear
1494
1495
     \thispagestyle{plain}%
     \global\@topnum\z@
1496
     \@afterindentfalse
1497
     \secdef\@chapter\@schapter}
1498
1499
1500% Redefine the style of part headings.
1501 \renewcommand*\part{%
     \thesis@blocks@clear
1502
     \if@twocolumn
1503
       \onecolumn
1504
1505
       \@tempswatrue
1506
     \else
       \@tempswafalse
1507
1508
     \fi
     \hbox{}\vfil
1509
     \secdef\@part\@spart}
1510
1511
1512% A macro for temporary multicol -> singlecol switching.
1513 \newif\if@restonecol
1514 \def\alwayssingle{%
1515 \@restonecolfalse\if@twocolumn\@restonecoltrue\onecolumn\fi}
1516 \endalways single \{\if@restonecol\twocolumn\fi\}
1517
1518% Disable uppercasing in PDF strings.
1519 \pdfstringdefDisableCommands{%
     \let\MakeUppercase\relax}
1521
1522% Set up the ToC entries appearance.
1523 \renewcommand*\toc@font[1]{%
1524
     \ifcase #1\relax
1525
       \bfseries % \chapter (0)
1526
     \or
       \slshape % \section (1)
1527
1528 \else
       \rmfamily % \subsection (2), \subsubsection (3)
1529
                  % \paragraph, \subparagraph (4)
1530
     \fi}
1531
1532
1533 % Set up the table of contents entries for sectioning commands.
1534 \renewcommand*\l@part[2]{%
1535
     \ifnum \c@tocdepth >-2\relax
       \addpenalty{-\@highpenalty}%
1536
       \ifnum \c@tocdepth >0\relax
1537
1538
          \addvspace{2.25em \@plus\p@}%
1539
1540
          \addvspace{1.0em \@plus\p@}%
1541
       \fi
1542
       \begingroup
         \setlength\@tempdima{3em}%
1543
```

```
\parindent \z@ \rightskip \@pnumwidth
1544
                          \parfillskip -\@pnumwidth
1545
                          {\leavevmode
1546
                            1547
                            \nobreak
1548
1549
                                  \global\@nobreaktrue
1550
                                  \everypar{\global\@nobreakfalse\everypar{}}%
1551
                    \endgroup
              \fi}
1552
1553
1554 \renewcommand*\l@chapter[2]{%
1555
              \ifnum \c@tocdepth >0\relax
1556
                    \addpenalty{-\@highpenalty}%
                    \addvspace{1.0em \@plus\p@}%
1557
                    \setlength\@tempdima{1.5em}%
1558
                    \begingroup
1559
                         \parindent \z@ \rightskip \@pnumwidth
1560
                          \parfillskip -\@pnumwidth
1561
1562
                         \leavevmode \bfseries
1563
                          \advance\leftskip\@tempdima
                          \hskip -\leftskip
1564
                          #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
1565
                          \penalty\@highpenalty
1566
                    \endgroup
1567
1568
              \else
1569
                    \@dottedtocline{0}{0em}{1.5em}{#1}{#2}
              \fi}
1570
1571
1572 \mbox{ } 
1574 \renewcommand*\l@subsubsection{\@dottedtocline{3}{7.0em}{4.1em}}
1575 \renewcommand*\l@paragraph{\@dottedtocline{4}{10.0em}{5.0em}}
1576 \renewcommand*\l@subparagraph{\@dottedtocline{4}{12.0em}{6.0em}}
```

## 3.5.2.3 The style/mu/fithesis-10.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.

```
1577 (*opt)
1578 (*10pt)
1579 \ProvidesFile{fithesis/style/mu/fithesis-10.clo}[2016/05/15]
1580
1581 \renewcommand{\normalsize}{\fontsize\@xpt{12}\selectfont
1582 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1583 \belowdisplayskip \abovedisplayskip
1584 \abovedisplayshortskip \z@ plus3\p@
1585 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1586 \let\@listi\@listI}
1587
1588 \renewcommand{\small}{\fontsize\@ixpt{11}\selectfont}
```

```
1589 \abovedisplayskip 8.5\p@ plus3\p@ minus4\p@
1590 \belowdisplayskip \abovedisplayskip
1591 \abovedisplayshortskip \z@ plus2\p@
1592 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1593 \def\@listi{\leftmargin\leftmargini
1594 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1595 \itemsep \parsep}}
1597 \renewcommand{\footnotesize}{\fontsize\@viiipt{9.5}\selectfont
1598 \abovedisplayskip 6\p@ plus2\p@ minus4\p@
1599 \belowdisplayskip \abovedisplayskip
1600 \abovedisplayshortskip \z@ plus\p@
1601 \belowdisplayshortskip 3\p@ plus\p@ minus2\p@
1602 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1603 \topsep 3\p@ plus\p@ minus\p@\parsep 2\p@ plus\p@ minus\p@
1604 \itemsep \parsep}}
1605
1606 \renewcommand{\scriptsize}{\fontsize\@viipt{8pt}\selectfont}
1607 \end{\begin{array}{c} 1607
1608 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1609 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1610 \ \texttt{\LARGE}{\texttt{\Contsize}(22pt)\ selectfont}
1611 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1612 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1613
1614 (/10pt)
```

# 3.5.2.4 The style/mu/fithesis-11.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.

```
1615 (*11pt)
1616 \ProvidesFile{fithesis/style/mu/fithesis-11.clo}[2016/05/15]
1618 \verb|\command{\normalsize}{\fontsize}@xipt{14}\| selectfont
1619 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1620 \belowdisplayskip \abovedisplayskip
1621 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1622% \abovedisplayshortskip \z@ plus3\@p
1623 \let\@listi\@listI}
1624
1625 \mbox{ } \mbox{mall}{\mbox{fontsize}@xpt{12}\selectfont}
1626 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1627 \belowdisplayskip \abovedisplayskip
1628 \abovedisplayshortskip \z@ plus3\p@
1629 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1630 \def\@listi{\leftmargin\leftmargini
1631 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1632 \itemsep \parsep}}
1633
```

```
1634 \renewcommand{\footnotesize}{\fontsize\@ixpt{11}\selectfont
1635 \abovedisplayskip 8\p@ plus2\p@ minus4\p@
1636 \belowdisplayskip \abovedisplayskip
1637 \abovedisplayshortskip \z@ plus\p@
1638 \belowdisplayshortskip 4\p@ plus2\p@ minus2\p@
1639 \def\@listi{\leftmargin\leftmargini
1640 \topsep 4\p@ plus2\p@ minus2\p@\parsep 2\p@ plus\p@ minus\p@
1641 \itemsep \parsep}}
1642
1643 \verb|\encommand{\scriptsize}{\fontsize\\@viiipt{9.5pt}\\\selectfont}
1644 \renewcommand{\tiny}{\fontsize\@vipt{7pt}\selectfont}
1645 \renewcommand{\large}{\fontsize\@xiipt{14pt}\selectfont}
1646 \renewcommand{\Large}{\fontsize\@xivpt{18pt}\selectfont}
1647 \renewcommand{\LARGE}{\fontsize\@xviipt{22pt}\selectfont}
1648 \renewcommand{\huge}{\fontsize\@xxpt{25pt}\selectfont}
1649 \renewcommand{\Huge}{\fontsize\@xxvpt{30pt}\selectfont}
1650
1651 (/11pt)
```

# 3.5.2.5 The style/mu/fithesis-12.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 macros as well:

\thesis@titlePage@normalsize

• \thesis@titlePage@normalsize - Equivalent to \normalsize

\thesis@titlePage@small

• \thesis@titlePage@small - Equivalent to \small

\thesis@titlePage@footnotesize

• \thesis@titlePage@footnotesize - Equivalent to \footnotesize

\thesis@titlePage@scriptsize

• \thesis@titlePage@scriptsize - Equivalent to \scriptsize

\thesis@titlePage@tiny

• \thesis@titlePage@tiny - Equivalent to \tiny

\thesis@titlePage@large

• \thesis@titlePage@large - Equivalent to \large

\thesis@titlePage@Large

• \thesis@titlePage@Large - Equivalent to \Large

\thesis@titlePage@LARGE

• \thesis@titlePage@LARGE - Equivalent to \LARGE

 $\verb|\thesis@titlePage@huge| \\$ 

\thesis@titlePage@Huge

• \thesis@titlePage@Huge - Equivalent to \Huge

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

```
\label{eq:continuous} $$1652 \*12pt$$ $$1653 \ProvidesFile{fithesis/style/mu/fithesis-12.clo}[2016/05/15]$$ $$1654 \/12pt$$$ $$1655$$$ $$1656 \def\thesis@titlePage@normalsize{\fontsize}@xiipt{14.5}%
```

```
1657 \selectfont\abovedisplayskip 12\p@ plus3\p@ minus7\p@
1658 \belowdisplayskip \abovedisplayskip
1659 \abovedisplayshortskip \z@ plus3\p@
1660 \belowdisplayshortskip 6.5\p0 plus 3.5\p0 minus 3\p0
1661 \let\@listi\@listI}
1663 \det \theta = 1663 \det \theta 
1664 \abovedisplayskip 11\p@ plus3\p@ minus6\p@
1665 \belowdisplayskip \abovedisplayskip
1666 \abovedisplayshortskip \z@ plus3\p@
1667 \belowdisplayshortskip 6.5\p@ plus3.5\p@ minus3\p@
1668 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1669 \parsep 4.5\p@ plus2\p@ minus\p@
                                         \itemsep \parsep
1670
                                         \topsep 9\p@ plus3\p@ minus5\p@}}
1671
1672
1673 \ def\ the sis@titlePage@footnotesize{\fontsize\@xpt{12}\selectfont}
1674 \abovedisplayskip 10\p@ plus2\p@ minus5\p@
1675 \belowdisplayskip \abovedisplayskip
1676 \abovedisplayshortskip \z@ plus3\p@
1677 \belowdisplayshortskip 6\p@ plus3\p@ minus3\p@
1678 \def\@listi{\leftmargin\leftmargini %% Added 22 Dec 87
1679 \topsep 6\p@ plus2\p@ minus2\p@\parsep 3\p@ plus2\p@ minus\p@
1680 \itemsep \parsep}}
1682 \def\thesis@titlePage@scriptsize{\fontsize\@viiipt{9.5pt}\selectfont}
1683 \def\thesis@titlePage@tiny{\fontsize\@vipt{7pt}\selectfont}
1684 \def\thesis@titlePage@large{\fontsize\@xivpt{18pt}\selectfont}
1685 \def\thesis@titlePage@Large{\fontsize\@xviipt{22pt}\selectfont}
1687 \def\thesis@titlePage@huge{\fontsize\@xxvpt{30pt}\selectfont}
1688 \def\thesis@titlePage@Huge{\fontsize\@xxvpt{30pt}\selectfont}
1689
1690 (*12pt)
1691 \renewcommand{\normalsize}{\thesis@titlePage@normalsize}
1692 \renewcommand{\small}{\thesis@titlePage@small}
1693 \renewcommand{\footnotesize}{\thesis@titlePage@footnotesize}
1694 \renewcommand{\scriptsize}{\thesis@titlePage@scriptsize}
1695 \renewcommand{\tiny}{\thesis@titlePage@tiny}
1696 \renewcommand{\large}{\thesis@titlePage@large}
1697 \renewcommand{\Large}{\thesis@titlePage@Large}
1698 \renewcommand{\LARGE}{\thesis@titlePage@LARGE}
1699 \renewcommand{\huge}{\thesis@titlePage@huge}
1700 \renewcommand{\Huge}{\thesis@titlePage@Huge}
1701 (/12pt)
1702 \let\@normalsize\normalsize
1703 \normalsize
1704
1705 \if@twoside
                \oddsidemargin 0.75in
1706
```

```
1707
       \evensidemargin 0.4in
       \marginparwidth 0pt
1708
1709 \else
       \oddsidemargin 0.75in
1710
       \evensidemargin 0.75in
1711
1712
       \marginparwidth 0pt
1713 \fi
1714 \marginparsep 10pt
1716 \topmargin 0.4in
1717
1718 \headheight 20pt
1719 \headsep 10pt
1720 \topskip 10pt
1721 \footskip 30pt
1722
1723 \langle *10pt \rangle
1724 \textheight = 43\baselineskip
1725 \advance\textheight by \topskip
1726 \textwidth 5.0truein
1727 \columnsep 10pt
1728 \columnseprule 0pt
1729
1730 \footnotesep 6.65pt
1731 \skip\footins 9pt plus 4pt minus 2pt
1732 \floatsep 12pt plus 2pt minus 2pt
1733 \textfloatsep 20pt plus 2pt minus 4pt
1734 \intextsep 12pt plus 2pt minus 2pt
1735 \dblfloatsep 12pt plus 2pt minus 2pt
1736 \dbltextfloatsep 20pt plus 2pt minus 4pt
1737
1738 \@fptop Opt plus 1fil
1739 \@fpsep 8pt plus 2fil
1740 \@fpbot 0pt plus 1fil
1741 \@dblfptop 0pt plus 1fil
1742 \@dblfpsep 8pt plus 2fil
1743 \@dblfpbot 0pt plus 1fil
1744 \marginparpush 5pt
1745
1746 \parskip Opt plus 1pt
1747 \partopsep 2pt plus 1pt minus 1pt
1748
1749 \langle/10pt\rangle
1750 %
1751 (*11pt)
1752 \textheight = 39\baselineskip
1753 \advance\textheight by \topskip
1754 \textwidth 5.0truein
1755 \columnsep 10pt
1756 \columnseprule 0pt
```

```
1758 \footnotesep 7.7pt
1759 \skip\footins 10pt plus 4pt minus 2pt
1760 \floatsep 12pt plus 2pt minus 2pt
1761 \textfloatsep 20pt plus 2pt minus 4pt
1762 \intextsep 12pt plus 2pt minus 2pt
1763 \dblfloatsep 12pt plus 2pt minus 2pt
1764 \dbltextfloatsep 20pt plus 2pt minus 4pt
1765
1766 \@fptop Opt plus 1fil
1767 \@fpsep 8pt plus 2fil
1768 \@fpbot Opt plus 1fil
1769 \@dblfptop 0pt plus 1fil
1770 \@dblfpsep 8pt plus 2fil
1771 \@dblfpbot 0pt plus 1fil
1772 \marginparpush 5pt
1773
1774 \parskip Opt plus Opt
1775 \partopsep 3pt plus 1pt minus 2pt
1777 \langle /11pt \rangle
1778 %
1779 (*12pt)
1780 \textheight = 37\baselineskip
1781 \advance\textheight by \topskip
1782 \textwidth 5.0truein
1783 \columnsep 10pt
1784 \columnseprule 0pt
1785
1786 \footnotesep 8.4pt
1787 \skip\footins 10.8pt plus 4pt minus 2pt
1788 \floatsep 14pt plus 2pt minus 4pt
1789 \textfloatsep 20pt plus 2pt minus 4pt
1790 \intextsep 14pt plus 4pt minus 4pt
1791 \dblfloatsep 14pt plus 2pt minus 4pt
1792 \dbltextfloatsep 20pt plus 2pt minus 4pt
1793
1794 \@fptop Opt plus 1fil
1795 \@fpsep 10pt plus 2fil
1796 \@fpbot Opt plus 1fil
1797 \@dblfptop 0pt plus 1fil
1798 \@dblfpsep 10pt plus 2fil
1799 \@dblfpbot 0pt plus 1fil
1800 \marginparpush 7pt
1801
1802 \parskip Opt plus Opt
1803 \partopsep 3pt plus 2pt minus 2pt
1805 (/12pt)
1806 \@lowpenalty
```

```
1807 \@medpenalty 151
1808 \@highpenalty 301
1809 \@beginparpenalty -\@lowpenalty
1810 \@endparpenalty
                      -\@lowpenalty
1811 \@itempenalty
                      -\@lowpenalty
1812
1813 \def\@makechapterhead#1{{%
     \setlength\parindent{\z@}%
1814
     \setlength\parskip {\z@}%
1815
     \Large \ChapFont
1816
     \ifnum
1817
       \c@secnumdepth >\m@ne
1818
1819
       \par\nobreak
1820
       \vskip 10\p@
1821
       \thechapter{} \space
     \fi #1\par
1822
     \nobreak
1823
     \vskip 20\p@}}
1824
1825
1826 \def\@makeschapterhead#1{{%
     \setlength\parindent{\z@}%
1827
     \setlength\parskip {\z@}%
1828
     \Large \ChapFont #1\par
1829
     \nobreak
1830
     \vskip 20\p@}}
1831
1832
1833 \def\chapter{%
1834 \clearpage
1835 \thispagestyle{plain}
1836 \global\@topnum\z@
1837 \@afterindentfalse
1838 \secdef\@chapter\@schapter}
1839
1840 \def\@chapter[#1]#2{%
1841
     \ifnum \c@secnumdepth
1842
       >\m@ne
       \refstepcounter{chapter}%
1843
       \typeout{\@chapapp\space\thechapter.}%
1844
1845
       \addcontentsline{toc}{chapter}{\protect
       \numberline{\thechapter}\bfseries #1}
1846
1847
     \else
       \addcontentsline{toc}{chapter}{\bfseries #1}
1848
     \fi
1849
     \chaptermark{#1}%
1850
1851
     \addtocontents{lof}%
1852
     {\protect\addvspace{4\p@}}
1853
     \addtocontents{lot}%
     {\protect\addvspace{4\p@}}
1854
1855
     \if@twocolumn
       \@topnewpage[\@makechapterhead{#2}]%
1856
```

```
\else
1857
                 \@makechapterhead{#2}%
1858
                 \@afterheading
1859
           \fi
1860
1861 }
1862
1863 \def\section{\@startsection{section}{1}{\z@}{%
         -3.5ex plus-1ex minus-.2ex}{2.3ex plus.2ex}{%
1865 \reset@font\large\bfseries}}
1866 \def\subsection{\@startsection{subsection}{2}{\z@}{%
1867 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1868 \reset@font\normalsize\bfseries}}
1869 \def\subsubsection{\@startsection{subsubsection}{3}{\z@}{%
1870 -3.25ex plus-1ex minus-.2ex}{1.5ex plus.2ex}{%
1871 \reset@font\normalsize}}
1872 \def paragraph{\ensuremath{\$}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensuremath{\$}}{\ensurema
3.25ex plus1ex minus.2ex}{-1em}{%}
1874 \reset@font\normalsize\bfseries}}
1875 \def\subparagraph{\@startsection{subparagraph}{4}{\parindent}{%
1876  3.25ex plus1ex minus.2ex}{-1em}{%
1877 \reset@font\normalsize\bfseries}}
1878
1879 \leftmargini 2.5em
1880 \leftmarginii 2.2em
                                                             % > \labelsep + width of '(m)'
1881 \leftmarginiii 1.87em  % > \labelsep + width of 'vii.'
1882 \leftmarginiv 1.7em
                                                              % > \labelsep + width of 'M.'
1883 \leftmarginv 1em
1884 \leftmarginvi 1em
1885
1886 \leftmargin\leftmargini
1887 \labelsep .5em
1888 \labelwidth\leftmargini\advance\labelwidth-\labelsep
1889
1890 (*10pt)
1891 \def\@listI{\leftmargin\leftmargini \parsep 4\p@ plus2\p@ minus\p@
1892 \topsep 8\p@ plus2\p@ minus4\p@
1893 \itemsep 4\p@ plus2\p@ minus\p@}
1894
1895 \let\@listi\@listI
1896 \@listi
1897
1898 \def\@listii{\leftmargin\leftmarginii
            \labelwidth\leftmarginii\advance\labelwidth-\labelsep
1900 \topsep 4\p@ plus2\p@ minus\p@
1901
           \parsep 2\p@ plus\p@ minus\p@
1902 \itemsep \parsep}
1904 \def\@listiii{\leftmargin\leftmarginiii
1905 \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1906 \topsep 2\p@ plus\p@ minus\p@
```

```
\parsep \z@ \partopsep\p@ plus\z@ minus\p@
1907
     \itemsep \topsep}
1908
1909
1910 \def\@listiv{\leftmargin\leftmarginiv
1911 \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1913 \def\@listv{\leftmargin\leftmarginv
1914 \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1915
1916 \def\@listvi{\leftmargin\leftmarginvi
1917 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1918 \langle /10pt \rangle
1919 %
1920 (*11pt)
1921 \def\@listI{\leftmargin\leftmargini \parsep 4.5\p@ plus2\p@ minus\p@
1922 \topsep 9\p@ plus3\p@ minus5\p@
1923 \times 923 = 4.5 p@ plus2p@ minusp@}
1924
1925 \let\@listi\@listI
1926 \@listi
1927
1928 \def\@listii{\leftmargin\leftmarginii
     \labelwidth\leftmarginii\advance\labelwidth-\labelsep
     \topsep 4.5\p@ plus2\p@ minus\p@
1930
1931
     \parsep 2\p@ plus\p@ minus\p@
1932
     \itemsep \parsep}
1933
1934 \def\@listiii{\leftmargin\leftmarginiii
     \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
1935
     \topsep 2\p@ plus\p@ minus\p@
1936
     \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1937
1938 \itemsep \topsep}
1939
1940 \def\@listiv{\leftmargin\leftmarginiv
    \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1941
1942
1943 \def\@listv{\leftmargin\leftmarginv
    \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1944
1946 \def\@listvi{\leftmargin\leftmarginvi
1947 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1948 (/11pt)
1949 %
1950 (*12pt)
1951 \def\@listI{\leftmargin\leftmargini \parsep 5\p@ plus2.5\p@ minus\p@
1952 \topsep 10\p@ plus4\p@ minus6\p@
1953 \itemsep 5\p@ plus2.5\p@ minus\p@}
1955 \let\@listi\@listI
1956 \@listi
```

```
1957
1958 \def\@listii{\leftmargin\leftmarginii
     \labelwidth\leftmarginii\advance\labelwidth-\labelsep
     \topsep 5\p@ plus2.5\p@ minus\p@
1960
     \parsep 2.5\p@ plus\p@ minus\p@
1961
1962 \itemsep \parsep}
1963
1964 \def\@listiii{\leftmargin\leftmarginiii
     \labelwidth\leftmarginiii\advance\labelwidth-\labelsep
     \topsep 2.5\p@ plus\p@ minus\p@
1966
     \parsep \z@ \partopsep \p@ plus\z@ minus\p@
1967
1968
     \itemsep \topsep}
1970 \def\@listiv{\leftmargin\leftmarginiv
     \labelwidth\leftmarginiv\advance\labelwidth-\labelsep}
1973 \def\@listv{\leftmargin\leftmarginv
    \labelwidth\leftmarginv\advance\labelwidth-\labelsep}
1974
1976 \def\@listvi{\leftmargin\leftmarginvi
1977 \labelwidth\leftmarginvi\advance\labelwidth-\labelsep}
1978 (/12pt)
1979 (/opt)
```

# 3.5.3 The style files of the Faculty of Informatics

# 3.5.3.1 The style/mu/fithesis-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>.

```
1980 \NeedsTeXFormat{LaTeX2e}
1981 \ProvidesPackage{fithesis/style/mu/fithesis-fi}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
1982 \thesis@color@setup{
1983 links={HTML}{FFD451},
1984 tableEmph={HTML}{FFD451},
1985 tableOdd={HTML}{FFF9E5},
1986 tableEven={HTML}{FFECB3}}
```

The bibliography support is enabled. The numeric citations are used and the bibliography is sorted in citation order.

```
1987 \thesis@bibliography@setup{
1988    style=iso-numeric,
1989    sorting=none}
1990 \thesis@bibliography@load
```

<sup>&</sup>lt;sup>1</sup>See http://www.fi.muni.cz/docs/BP\_DP\_na\_FI.pdf

In case of rigorous and doctoral theses, the style file hides the thesis assignment in accordance with the formal requirements of the faculty.

```
1991\ifx\thesis@type\thesis@bachelors\else
1992\ifx\thesis@type\thesis@masters\else
1993 \thesis@blocks@assignment@false
1994\fi\fi
```

\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 strings:

 advisorSignature – The label of the advisor signature field typeset in the case of rigorous theses

```
1995 \def\thesis@blocks@titlePage@content{%
                        {\term{ } {\term{} 
1996
                        {\tt \{thesis@titlePage@large\sc\thesis@{typeName}\[0.3in]}
1997
                        {\thesis@titlePage@Large\bf\thesis@author}
1998
                       % If this is a rigorous thesis, typeset the name of the
1999
2000
                       % thesis advisor.
                       \ifx\thesis@type\thesis@rigorous
2001
                               {\thesis@titlePage@large\\[0.3in]
2002
                                     {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
2003
2004
                        \fi}%
2005 \def\thesis@blocks@titlePage@footer{%
2006 {\thesis@titlePage@large\thesis@place, \thesis@@{semester}
2007 % If this is a rigorous thesis, create space for the advisor's
2008 % signature
                 \ifx\thesis@type\thesis@rigorous
2009
2010
                        \let\@A\relax\newlength{\@A}
                               \settowidth{\@A}{\thesis@@{advisorSignature}}
2011
                               \setlength{\@A}{\@A+1cm}
2012
                        \ \left(-0.5em\right)_{\parbox{\QA}}{
2013
2014
                              \centering
                               \left( \mathbb{A}_{1pt} \right)
2015
                               \thesis@@{advisorSignature}
2016
2017
                        }}
2018
                 \fi}}
```

\thesis@blocks@declaration

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

```
2019 \def\thesis@blocks@declaration{%
2020  \thesis@blocks@clear
2021  \begin{alwayssingle}%
2022   \chapter*{\thesis@@{declarationTitle}}%
2023   \thesis@declaration
2024   \vskip 2cm%
2025   \hfill\thesis@author
2026   \par\vfill\noindent
```

```
2027 \textbf{\thesis@0{advisorTitle}:} \thesis@advisor
2028 \par\vfil
2029 \end{alwayssingle}}
```

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2030 \def\thesis@blocks@preamble{%
    \thesis@blocks@coverMatter
2031
       \thesis@blocks@cover
2032
       \thesis@blocks@titlePage
2033
2034 \thesis@blocks@frontMatter
       \thesis@blocks@assignment
       \thesis@blocks@declaration
2036
       \thesis@blocks@thanks
2037
       \thesis@blocks@clearRight
2038
         \thesis@blocks@abstract
2039
         \thesis@blocks@keywords
2040
2041
       \thesis@blocks@tables}
2042 \def\thesis@blocks@postamble{%
2043 \thesis@blocks@bibliography}
```

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

#### 3.5.4.1 The style/mu/fithesis-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>.

```
2044 \NeedsTeXFormat{LaTeX2e} 2045 \ProvidesPackage{fithesis/style/mu/fithesis-sci}[2016/06/06]
```

The file defines the color scheme of the respective faculty.

```
2046 \thesis@color@setup{
2047 links={HTML}{20E366},
2048 tableEmph={HTML}{8EDEAA},
2049 tableOdd={HTML}{EDF7F1},
2050 tableEven={HTML}{CCEDD8}}
```

The bibliography support is enabled. The numeric citations are used and the bibliography is sorted in citation order.

```
2051 \thesis@bibliography@setup{
2052   style=iso-numeric,
2053   sorting=none}
2054 \thesis@bibliography@load
```

The file uses Czech locale strings within the macros.

2055 \thesis@requireLocale{czech}

The file loads the following packages:

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

- tikz Used for dimension arithmetic.
- changepage Used for width adjustments.

```
2056 \thesis@require{tikz}
2057 \thesis@require{changepage}
```

In case of rigorous and doctoral theses, the style file hides the thesis assignment in accordance with the formal requirements of the faculty.

```
2058 \ifx\thesis@type\thesis@bachelors\else
2059 \ifx\thesis@type\thesis@masters\else
2060 \thesis@blocks@assignment@false
2061 \fi\fi
```

Enable the inclusion of the scanned assignment inside the digital version of the document.

 ${\tt 2062 \ \ \ } the sis @blocks @assignment @hideIfDigital @false$ 

#### \thesis@blocks@bibEntry

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

\thesis@czech@bib@title

- \thesis@czech@bib@title The title of the entire block
- \thesis@czech@bib@author
- \thesis@czech@bib@author The label of the author name entry
- \thesis@czech@bib@title
- \thesis@czech@bib@title The label of the title name entry
- \thesis@czech@bib@programme
- \thesis@czech@bib@programme The label of the programme name entry
- \thesis@czech@bib@field
- \thesis@czech@bib@field The label of the field of study name entry
- \thesis@czech@bib@advisor
- \thesis@czech@bib@advisor The label of the advisor name entry
- \thesis@czech@bib@academicYear
- \thesis@czech@bib@academicYear The label of the academic year entry
- \thesis@czech@bib@pages
- \thesis@czech@bib@pages The label of the number of pages entry
- \thesis@czech@bib@keywords
- \thesis@czech@bib@keywords The label of the keywords entry

```
2063 \def\thesis@blocks@bibEntry{%
    \begin{alwayssingle}%
2064
     {% Start the new chapter without clearing the right page
2065
     {\def\cleardoublepage{}%
2066
     \chapter*{\thesis@czech@bib@title}}%
2067
     % Calculate the width of the columns
2068
     \left( \mathbb{A}\right) 
2069
       \bf\thesis@czech@bib@author:}}
2070
     2071
       \bf\thesis@czech@bib@thesisTitle:}}
2072
     2073
2074
       \bf\thesis@czech@bib@programme:}}
2075
     \left(\D\right)\
```

```
\bf\thesis@czech@bib@field:}}
2076
               % Unless this is a rigorous thesis, we will be typesetting the
2077
               % name of the thesis advisor.
2078
               \let\@E\relax\newlength{\@E}
2079
                   \ifx\thesis@type\thesis@rigorous
2080
2081
                        \setlength{\@E}{0pt}%
2082
                   \else
                        \settowidth{\@E}{{\bf\thesis@czech@bib@advisor:}}
2083
                   \fi
2084
               \left( \F \right) \
2085
                   \bf\thesis@czech@bib@academicYear:}}
2086
2087
               \ \left( \G\right) \simeq \G(\G) \
                   \bf\thesis@czech@bib@pages:}}
2088
               \left(\end{A}\right) \
2089
                   \bf\thesis@czech@bib@keywords:}}
2090
               \left(\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\e
2091
               2092
                   max(\QA, \QB, \QC, \QB, \QE, \QE, \QB, \QH)
2093
2094
               \let\@right\relax\newlength{\@right}\setlength{\@right}{%
2095
                   \textwidth-\@left-\@skip}
2096
               % Typeset the table
               \renewcommand{\arraystretch}{2}
2097
               \noindent\begin{thesis@newtable@old}%
2098
                    {@{}p{\@left}@{\hskip\@skip}p{\@right}@{}}
2099
2100
                   \textbf{\thesis@czech@bib@author:} &
                        \noindent\parbox[t]{\@right}{
2101
                            \thesis@author\\
2102
                            \thesis@czech@facultyName,
2103
                            \thesis@czech@universityName\\
2104
                            \thesis@department@name
2105
2106
                        }\\
2107
                   \textbf{\thesis@czech@bib@thesisTitle:}
2108
                        & \thesis@title \\
                   \textbf{\thesis@czech@bib@programme:}
2109
                        & \thesis@programme \\
2110
                   \textbf{\thesis@czech@bib@field:}
2111
                        & \thesis@field@name \\
2112
2113
                   % Unless this is a rigorous thesis, typeset the name of the
2114
                   % thesis advisor.
                   \ifx\thesis@type\thesis@rigorous\else
2115
                        \textbf{\thesis@czech@bib@advisor:}
2116
2117
                            & \thesis@advisor \\
                   \fi
2118
                   \textbf{\thesis@czech@bib@academicYear:}
2119
2120
                        & \thesis@academicYear \\
2121
                   \textbf{\thesis@czech@bib@pages:}
2122
                        & \thesis@pages \\
                   \textbf{\thesis@czech@bib@keywords:}
2123
2124
                        & \thesis@TeXkeywords \\
2125
               \end{thesis@newtable@old}}
```

#### \end{alwayssingle}} 2126

\thesis@blocks@bibEntryEn

The \thesis@blocks@bibEntryEn 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 macros:

\thesis@english@bib@title

• \thesis@english@bib@title - The title of the entire block

\thesis@english@bib@author

• \thesis@english@bib@author - The label of the author name entry

\thesis@english@bib@title

• \thesis@english@bib@title - The label of the title name entry

\thesis@english@bib@programme

• \thesis@english@bib@programme - The label of the programme name entry

\thesis@english@bib@field

• \thesis@english@bib@field - The label of the field of study name entry

\thesis@english@bib@advisor

• \thesis@english@bib@advisor - The label of the advisor name entry

\thesis@english@bib@academicYear • \thesis@english@bib@academicYear - The label of the academic year entry

\thesis@english@bib@pages

\thesis@english@bib@pages - The label of the number of pages entry

\thesis@english@bib@keywords

• \thesis@english@bib@keywords - The label of the keywords entry

```
2127 \def\thesis@blocks@bibEntryEn{%
    {\thesis@selectLocale{english}
2129
    \begin{alwayssingle}
      % Start the new chapter without clearing the right page
2130
      {\def\cleardoublepage{}%
2131
      \chapter*{\thesis@english@bib@title}}%
2132
      {% Calculate the width of the columns
2133
      \  \end{A}\
2134
        \bf\thesis@english@bib@author:}}
2135
      \left(\B\right)\
2136
        \bf\thesis@english@bib@thesisTitle:}}
2137
      2138
        \bf\thesis@english@bib@programme:}}
2139
      \left(\D\right)\
2140
2141
        \bf\thesis@english@bib@field:}}
      % Unless this is a rigorous thesis, we will be typesetting
2142
      % the name of the thesis advisor.
2143
      \let\@E\relax\newlength{\@E}
2144
        \ifx\thesis@type\thesis@rigorous
2145
2146
          \setlength{\@E}{0pt}%
        \else
2147
          \settowidth{\@E}{{\bf\thesis@english@bib@advisor:}}
2148
2149
      \left( \F\right) \simeq \left( \F\right) 
2150
        \bf\thesis@english@bib@academicYear:}}
2151
      \ \left( \G\right) \simeq \G(\G) \
2152
2153
        \bf\thesis@english@bib@pages:}}
2154
      \left(\end{A}\right) \
```

```
\bf\thesis@english@bib@keywords:}}
2155
                   \ \left( \ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath
2156
                   \label{left} $$ \left( \mathbb{C}^{\theta} \right) = \mathbb{C}^{\theta} .
2157
                        max(\@A,\@B,\@C,\@D,\@E,\@F,\@G,\@H)}
2158
                   \let\@right\relax\newlength{\@right}\setlength{\@right}{%
2159
2160
                        \textwidth-\@left-\@skip}
2161
                   % Typeset the table
2162
                   \renewcommand{\arraystretch}{2}
                   \noindent\begin{thesis@newtable@old}%
2163
                        \{0{p}(\theta)^{0} \
2164
                             \textbf{\thesis@english@bib@author:} &
2165
                                  \noindent\parbox[t]{\@right}{
2166
                                       \thesis@author\\
2167
                                       \thesis@english@facultyName,
2168
                                       \thesis@english@universityName\\
2169
                                       \thesis@departmentEn@name
2170
                                  }\\
2171
                             \textbf{\thesis@english@bib@thesisTitle:}
2172
                                  & \thesis@titleEn \\
2173
2174
                             \textbf{\thesis@english@bib@programme:}
                                  & \thesis@programmeEn \\
2175
                             \textbf{\thesis@english@bib@field:}
2176
                                  & \thesis@fieldEn@name \\
2177
                             % Unless this is a rigorous thesis, typeset the name of the
2178
2179
                             % thesis advisor.
                             \ifx\thesis@type\thesis@rigorous\else
2180
                                  \textbf{\thesis@english@bib@advisor:}
2181
                                       & \thesis@advisor \\
2182
2183
                             \textbf{\thesis@english@bib@academicYear:}
2184
                                  & \thesis@academicYear \\
2185
2186
                             \textbf{\thesis@english@bib@pages:}
2187
                                  & \thesis@pages \\
                             \textbf{\thesis@english@bib@keywords:}
2188
                                  & \thesis@TeXkeywordsEn \\
2189
2190
                        \end{thesis@newtable@old}}
                   \end{alwayssingle}
2191
2192
```

\thesis@blocks@frontMatter

The \thesis@blocks@frontMatter 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.

```
2193 \def\thesis@blocks@frontMatter{%
2194 \pagestyle{empty}
2195 \parindent 1.5em
2196 \setcounter{page}{1}
2197 \pagenumbering{roman}}
```

\thesis@blocks@cover

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

```
2198 \def\thesis@blocks@cover{%
     \ifthesis@cover@
2199
       \thesis@blocks@clear
2200
       \begin{alwayssingle}
2201
          \thispagestyle{empty}
2202
2203
          \begin{center}
2204
          {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
              \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
2205
              \thesis@titlePage@large\thesis@department@name}
2206
          \vfill
2207
          {\bf\thesis@titlePage@Huge\thesis@czech@typeName}
2208
2209
          \vfill
          {\thesis@titlePage@large\thesis@place
2210
           \ \thesis@year\hfill\thesis@author}
2211
          \end{center}
2212
       \end{alwayssingle}
2213
     \fi}
2214
```

\thesis@blocks@titlePage

The \thesis@blocks@titlePage 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.

```
2215 \def\thesis@blocks@titlePage{%
2216
     \thesis@blocks@clear
2217
     \begin{alwayssingle}
       \thispagestyle{empty}
2218
       % The top of the page
2219
       \begin{adjustwidth}{-12mm}{}
2220
         \begin{minipage}{30mm}
2221
            \thesis@blocks@universityLogo@color[width=30mm]
2222
         \end{minipage}\begin{minipage}{89mm}
2223
2224
            \begin{center}
              {\sc\thesis@titlePage@LARGE\thesis@czech@universityName\\%
2225
                  \thesis@titlePage@Large\thesis@czech@facultyName\\[0.3em]%
2226
2227
                  \thesis@titlePage@normalsize\thesis@department@name}
              \rule{\textwidth}{2pt}\vspace*{2mm}
2228
2229
            \end{center}
2230
         \end{minipage}\begin{minipage}{30mm}
            \thesis@blocks@facultyLogo@color[width=30mm]
2231
         \end{minipage}
2232
       \end{adjustwidth}
2233
       % The middle of the page
2234
       \vfill
2235
       \parbox\textwidth{% Prevent vfills from squashing the leading
2236
         \bf\thesis@titlePage@Huge\thesis@TeXtitle}
2237
       {\thesis@titlePage@Huge\\[0.8em]}
2238
2239
       {\thesis@titlePage@large\thesis@czech@typeName\\[1em]}
2240
       {\bf\thesis@titlePage@LARGE\thesis@author\\}
       \vfill\noindent
2241
2242
       % The bottom of the page
2243
       {\bf\thesis@titlePage@normalsize
```

```
2244 % Unless this is a rigorous thesis, typeset the name of the
2245 % thesis advisor.
2246 \ifx\thesis@type\thesis@rigorous\else
2247 \thesis@czech@advisorTitle: \thesis@advisor\hfill
2248 \fi
2249 \thesis@place\ \thesis@year}
2250 \end{alwayssingle}}
```

#### \thesis@blocks@declaration

The \thesis@blocks@declaration macro typesets the declaration text. Unlike the generic \thesis@blocks@declaration macro from the style/mu/fithesis-sci.sty file, this definition includes the date and a blank line for the author's signature, as per the requirements of the faculty.

Along with the macros required by the locale file interface, the locale files need to define the following macros:

#### \thesis@czech@bib@title

• \thesis@czech@authorSignature - The label of the author's signature field \thesis@czech@formattedDate - A formatted date

```
2251 \def\thesis@blocks@declaration{%
2252
     \thesis@blocks@clear
     \begin{alwayssingle}%
2253
2254
        \chapter*{\thesis@@{declarationTitle}}%
        \thesis@declaration
2255
2256
       \vskip 2cm%
2257
       {\let\@A\relax\newlength{\@A}
          \settowidth{\@A}{\thesis@@{authorSignature}}
2258
2259
          \left( \mathbb{A}_{\mathbb{A}} \right) 
        \noindent\thesis@place, \thesis@czech@formattedDate\hfill
2260
        \begin{minipage}[t]{\@A}%
2261
          \centering\rule{\@A}{1pt}\\
2262
          \thesis@@{authorSignature}\par
2263
        \end{minipage}}
2264
     \end{alwayssingle}}
2265
```

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file. The entire front matter is typeset as though the locale were Czech in accordance with the formal requirements of the faculty.

```
2266 \def\thesis@blocks@preamble{{%
     \thesis@selectLocale{czech}%
2267
     \thesis@blocks@coverMatter
2268
       \thesis@blocks@cover
2269
2270 \thesis@blocks@frontMatter
       \thesis@blocks@titlePage
2271
2272
       \thesis@blocks@clearRight
         \thesis@blocks@bibEntry
2273
         \thesis@blocks@bibEntryEn
2274
         \thesis@blocks@abstract
2275
2276
         \thesis@blocks@abstractEn}
2277
       \thesis@blocks@assignment
```

```
2278 {\thesis@selectLocale{czech}%
2279 \thesis@blocks@thanks
2280 \thesis@blocks@declaration
2281 \thesis@blocks@tables}}
2282 \def\thesis@blocks@postamble{%
2283 \thesis@blocks@bibliography}
```

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

#### 3.5.5.1 The style/mu/fithesis-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>.

```
2284 \NeedsTeXFormat{LaTeX2e}
2285 \ProvidesPackage{fithesis/style/mu/fithesis-phil}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2286 \thesis@color@setup{
2287 links={HTML}{6FCEF2},
2288 tableEmph={HTML}{78CEF0},
2289 tableOdd={HTML}{EBF6FA},
2290 tableEven={HTML}{D0EBF5}}
```

The bibliography support is enabled. The numeric citations are used and the bibliography is sorted by name, title, and year.

```
2291 \thesis@bibliography@setup{
2292   style=iso-numeric,
2293   sorting=nty}
2294 \thesis@bibliography@load
```

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

```
2295 \thesis@blocks@titlePage@department@true 2296 \thesis@blocks@titlePage@field@true
```

The style file parses the value of the \thesis@department macro and recognizes the following divisions of the Faculty of Arts:

• kisk – The Division of Information and Library Studies <sup>4</sup> (KISK)

```
2297 \def\thesis@departments@kisk{kisk}
```

Along with the macros required by the locale file interface, the locale files need to define the following macros:

departmentName – The human-readable name of the given recognized division.

<sup>&</sup>lt;sup>3</sup>See http://is.muni.cz/auth/do/1421/4581421/Vzor\_bakalarske\_prace.pdf

<sup>&</sup>lt;sup>4</sup>See http://kisk.phil.muni.cz/cs/povinnosti.

```
2298 \ifx\thesis@department\thesis@departments@kisk
2299 \def\thesis@department@name{\thesis@departmentName}}
2300 \def\thesis@departmentEn@name{\thesis@english@departmentName}
2301 \fi
```

\thesis@blocks@titlePage

In the case of a KISK thesis, the style file redefines the cover and title page footers to include the thesis advisor's name.

```
2302 \ifx\thesis@department\thesis@departments@kisk
                          \def\thesis@blocks@titlePage@content{%
                                     {\term{ } {\term{} 
2304
                                     {\thesis@titlePage@large\sc\thesis@@{typeName}\\[0.3in]}
2305
                                     {\thesis@titlePage@Large\bf\thesis@author}
2306
                                     % If this is a KISK thesis, typeset the name of the thesis
2307
                                     % advisor.
2308
                                     \ifx\thesis@department\thesis@departments@kisk
2309
                                               {\thesis@titlePage@large\\[0.3in]
2310
                                                          {\bf\thesis@@{advisorTitle}:} \thesis@advisor}
2311
2312
                                     \fi}%
2313 \fi
```

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2314 \def\thesis@blocks@preamble{%

2315 \thesis@blocks@coverMatter

2316 \thesis@blocks@cover

2317 \thesis@blocks@titlePage

2318 \thesis@blocks@frontMatter
```

In KISK theses, the bibliographical entry, the abstract, and the keywords will be included after the cover matter.

```
\ifx\thesis@department\thesis@departments@kisk
2319
2320
          \thesis@blocks@bibEntry
          \thesis@blocks@abstract
2321
          \thesis@blocks@abstractEn
2322
          \thesis@blocks@keywords
2323
          \thesis@blocks@keywordsEn
2324
2325
2326
        \thesis@blocks@declaration
        \thesis@blocks@thanks
2327
```

In KISK theses, the lists of tables and figures will be included behind the bibliography rather than at the beginning of the document.

```
2328 \ifx\thesis@department\thesis@departments@kisk
2329 \thesis@blocks@toc
2330 \else
2331 \thesis@blocks@tables
2332 \fi}
2333 \def\thesis@blocks@postamble{%
2334 \ifx\thesis@department\thesis@departments@kisk
```

In KISK theses, the lists of tables and figures will be included behind the bibliography rather than at the beginning of the document.

```
2335 \thesis@blocks@lot
2336 \thesis@blocks@lof
2337 \fi
2338 \thesis@blocks@bibliography}
```

## 3.5.6 The style files of the Faculty of Education

#### 3.5.6.1 The style/mu/fithesis-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 of the faculty<sup>5</sup>.

```
2339 \NeedsTeXFormat{LaTeX2e}
2340 \ProvidesPackage{fithesis/style/mu/fithesis-ped}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2341 \thesis@color@setup{
2342 links={HTML}{FFA02F},
2343 tableEmph={HTML}{FFBB6B},
2344 tableOdd={HTML}{FFF1E0},
2345 tableEven={HTML}{FFDEB7}}
```

The bibliography support is enabled. The numeric citations are used and the bibliography is sorted by name, title, and year.

```
2346 \thesis@bibliography@setup{
2347 style=iso-numeric,
2348 sorting=nty}
2349 \thesis@bibliography@load
```

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

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2358 \def\thesis@blocks@preamble{%
2359 \thesis@blocks@coverMatter
2360 \thesis@blocks@cover
2361 \thesis@blocks@titlePage
```

 $<sup>^5\</sup>mathbf{See}$  https://is.muni.cz/auth/do/ped/VPAN/pokdek/Pokyn\_dekana\_zaverecne\_prace\_finale\_ \_1\_.pdf

```
\thesis@blocks@frontMatter
2362
       \thesis@blocks@bibEntry
2363
       \thesis@blocks@abstract
2364
       \thesis@blocks@abstractEn
2365
       \thesis@blocks@keywords
2366
2367
       \thesis@blocks@keywordsEn
2368
       \thesis@blocks@declaration
2369
       \thesis@blocks@thanks
       \thesis@blocks@tables}
2370
2371 \def\thesis@blocks@postamble{%
2372 \thesis@blocks@bibliography}
```

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

#### 3.5.7.1 The style/mu/fithesis-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>6</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.

```
2373 \NeedsTeXFormat{LaTeX2e}
2374 \ProvidesPackage{fithesis/style/mu/fithesis-fss}[2016/04/18]
The file defines the color scheme of the respective faculty.
2375 \thesis@color@setup{
```

```
2376 links={HTML}{58EDD7},

2377 tableEmph={HTML}{69D6C6},

2378 tableOdd={HTML}{E3F1EE},

2379 tableEven={HTML}{C5E3DF}}
```

The bibliography support is enabled. The authoryear citations are used and the bibliography is sorted by name, title, and year.

```
2380 \thesis@bibliography@setup{
2381 style=iso-authoryear,
2382 sorting=nty}
2383 \thesis@bibliography@load
```

\thesis@blocks@frontMatter

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

```
2384 \def\thesis@blocks@frontMatter{%
2385 \pagestyle{plain}
2386 \parindent 1.5em
2387 \setcounter{page}{1}
```

<sup>6</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://polit.fss.muni.cz/informace-pro-studenty/pol/, http://humenv.fss.muni.cz/
studium/bakalarske-studium/pravidla-pro-vypracovani-bakalarske-prace

```
2388 \pagenumbering{roman}}
```

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2389 \def\thesis@blocks@preamble{%
    \thesis@blocks@coverMatter
2391
       \thesis@blocks@cover
       \thesis@blocks@titlePage
2392
2393 \thesis@blocks@frontMatter
      \thesis@blocks@clearRight
2394
2395
         \thesis@blocks@abstract
         \thesis@blocks@abstractEn
2396
         \thesis@blocks@keywords
2397
         \thesis@blocks@keywordsEn
2398
       \thesis@blocks@assignment
2399
       \thesis@blocks@declaration
2400
       \thesis@blocks@thanks
2401
2402
       \thesis@blocks@tables}
2403 \def\thesis@blocks@postamble{%
2404 \thesis@blocks@bibliography}
```

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

#### 3.5.8.1 The style/mu/fithesis-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>7</sup>.

```
2405 \ensuremath{\mbox{NeedsTeXFormat}\{LaTeX2e\}} 2406 \ensuremath{\mbox{ProvidesPackage}\{\mbox{fithesis-law}\}[2016/04/18]}
```

The file defines the color scheme of the respective faculty.

```
2407 \thesis@color@setup{
2408 links={HTML}{CF86EB},
2409 tableEmph={HTML}{D39BE8},
2410 tableOdd={HTML}{F2EBF5},
2411 tableEven={HTML}{E5CCED}}
```

The bibliography support is enabled. The authoryear citations are used and the bibliography is sorted by name, year, and title.

```
2412 \thesis@bibliography@setup{%
2413    style=iso-authoryear,
2414    sorting=nyt}
2415 \thesis@bibliography@load
```

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 strings:

<sup>&</sup>lt;sup>7</sup>See http://is.muni.cz/do/law/ud/predp/smer/S-07-2012.pdf

 facultyLongName – The name of the faculty combined with the name of the university.

```
2416 \def\thesis@blocks@cover@header{%
2417 {\sc\thesis@titlePage@Large\thesis@@{facultyLongName}\\%
2418 \thesis@titlePage@large\thesis@department@name\\vskip 2em}}
2419 \let\thesis@blocks@titlePage@header=\thesis@blocks@cover@header
```

\thesis@blocks@frontMatter

The \thesis@blocks@frontMatter macro sets up the style of the front matter of the thesis. The page numbering is arabic in accordance with the formal requirements of the faculty.

```
2420 \def\thesis@blocks@frontMatter{%
2421 \thesis@blocks@clear
2422 \pagestyle{plain}
2423 \parindent 1.5em
2424 \setcounter{page}{1}
2425 \pagenumbering{arabic}}
```

\thesis@blocks@mainMatter

The \thesis@blocks@mainMatter 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 in accordance with the formal requirements of the faculty.

```
2426 \def\thesis@blocks@mainMatter{%
2427 \thesis@blocks@clear
2428 \pagestyle{thesisheadings}
2429 \parindent 1.5em\relax}
```

All blocks within the autolayout preamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2430 \def\thesis@blocks@preamble{%
2431 \thesis@blocks@coverMatter
       \thesis@blocks@cover
2432
       \thesis@blocks@titlePage
2433
     \thesis@blocks@frontMatter
2434
       \thesis@blocks@declaration
2435
       \thesis@blocks@clearRight
2436
         \thesis@blocks@abstract
2437
         \thesis@blocks@abstractEn
2438
2439
         \thesis@blocks@keywords
2440
         \thesis@blocks@keywordsEn
       \thesis@blocks@thanks
2441
       \thesis@blocks@tables}
2442
```

All blocks within the autolayout postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2443 \def\thesis@blocks@postamble{%
2444 \thesis@blocks@bibliography
2445 \thesis@blocks@assignment}
```

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

#### 3.5.9.1 The style/mu/fithesis-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>8</sup>.

```
2446 \NeedsTeXFormat{LaTeX2e}
2447 \ProvidesPackage{fithesis/style/mu/fithesis-econ}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2448 \thesis@color@setup{
2449 links={HTML}{F27995},
2450 tableEmph={HTML}{E8B88B},
2451 tableOdd={HTML}{F5ECEB},
2452 tableEven={HTML}{EBD8D5}}
```

The bibliography support is enabled. The authoryear citations are used and the bibliography is sorted by name, title, and year.

```
2453 \thesis@bibliography@setup{
2454    style=iso-authoryear,
2455    sorting=nty}
2456 \thesis@bibliography@load
```

The file loads the following packages:

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

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.

```
2457 \thesis@require{tikz}
2458 \thesis@require{geometry}
2459 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

\thesis@blocks@cover

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

```
2460 \def\thesis@blocks@cover{%
     \ifthesis@cover@
2461
       \thesis@blocks@clear
2462
        \begin{alwayssingle}
2463
         \thispagestyle{empty}
2464
2465
          \begin{center}
          \sc \thesis @titlePage @LARGE\thesis @g universityName}\
2466
              \thesis@titlePage@Large\thesis@@{facultyName}\\}
2467
2468
          {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2469
2470
          \vfill
```

 $<sup>^8</sup> See$  http://is.muni.cz/auth/do/econ/predpisy/smernice/prehled/45931363/Smernice2014-9.pdf

```
2471 {\thesis@titlePage@large\thesis@place
2472 \\thesis@year\hfill\thesis@author}
2473 \end{center}
2474 \end{alwayssingle}
2475 \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 in accordance with the formal requirements of the faculty.

```
2476 \thesis@blocks@titlePage@field@true
2477 \def\thesis@blocks@titlePage@content{%
    {\thesis@titlePage@Huge\bf\thesis@TeXtitle}
2479
    \ifthesis@english\else
2480
      {\\[0.1in]\thesis@titlePage@Large\bf\thesis@TeXtitleEn}
    \fi {\\[0.3in]\thesis@titlePage@large\sc\thesis@@{typeName}\\}}
2482 \def\thesis@blocks@titlePage@footer{%
    {\thesis@titlePage@large
2483
      {% Calculate the width of the thesis author and advisor boxes
2484
       \left( A\right) \simeq \left( A\right) 
2485
         \bf\thesis@@{advisorTitle}:}}
2486
       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2487
2488
       \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
         \bf\thesis@@{authorTitle}:}}
2489
2490
       2491
      2492
        max(\@A,\@B)}
2493
      \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2494
        max(\@C,\@D)}
      % Typeset the thesis author and advisor boxes
2495
      \vskip 2in\begin{minipage}[t]{\@left}
2496
2497
        {\bf\thesis@@{advisorTitle}:}\\thesis@advisor
      \end{minipage}\hfill\begin{minipage}[t]{\@right}
2498
2499
        {\bf\thesis@@{authorTitle}:}\\\thesis@author
      \end{minipage}}\\[4em]\thesis@place, \thesis@year}}
2500
```

\thesis@blocks@frontMatter

The \thesis@blocks@frontMatter 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.

```
2501 \def\thesis@blocks@frontMatter{%
2502 \thesis@blocks@clear
2503 % In case of double-sided typesetting, change the geometry
2504 \ifthesis@twoside@
2505 \newgeometry{top=25mm,bottom=20mm,left=35mm,
2506 right=15mm, includeheadfoot}
2507 \fi\pagestyle{empty}
2508 \parindent 1.5em
```

```
\setcounter{page}{1}
2509
     \pagenumbering{arabic}}
```

\thesis@blocks@mainMatter

The \thesis@blocks@mainMatter 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.

```
2511 \def\thesis@blocks@mainMatter{%
2512 \thesis@blocks@clear
2513 % In case of double-sided typesetting, change the geometry
2514 \ifthesis@twoside@
       \newgeometry{top=25mm,bottom=20mm,left=35mm,
2516
         right=15mm, includeheadfoot}
2517
     \fi\pagestyle{thesisheadings}
     \parindent 1.5em\relax}
2518
```

\thesis@blocks@tables The \thesis@blocks@tables macro optionally typesets the \listoftables and \listoffigures.

```
2519 \def\thesis@blocks@tables{%
2520 \thesis@blocks@lot
2521 \thesis@blocks@lof}
```

If the nolot and nolof options haven't been specified, the \thesis@blocks@lot and \thesis@blocks@lof macros are redefined to create an entry in the table of contents.

```
2522 \ifx\thesis@blocks@lot\relax\else
2523 \def\thesis@blocks@lot{%
       \thesis@blocks@clear
2524
       \phantomsection
2525
       \addcontentsline{toc}{chapter}{\listtablename}%
2526
2527
       \listoftables}
2528\fi
2530 \ifx\thesis@blocks@lof\relax\else
    \def\thesis@blocks@lof{%
2531
2532
       \thesis@blocks@clear
2533
       \phantomsection
       \addcontentsline{toc}{chapter}{\listfigurename}%
2534
2535
       \listoffigures}
2536 \fi
```

All blocks within the autolayout preamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2537 \def\thesis@blocks@preamble{%
2538 \thesis@blocks@coverMatter
       \thesis@blocks@cover
2539
2540 \thesis@blocks@frontMatter
2541
       \thesis@blocks@titlePage
2542
       \thesis@blocks@assignment
       \thesis@blocks@clearRight
2543
```

```
2544 \thesis@blocks@abstract
2545 \thesis@blocks@abstractEn
2546 \thesis@blocks@keywords
2547 \thesis@blocks@keywordsEn
2548 \thesis@blocks@declaration
2549 \thesis@blocks@thanks
2550 \thesis@blocks@toc}
```

All blocks within the autolayout postamble that are not defined within this file are defined in the style/mu/base.sty file.

```
2551 \def\thesis@blocks@postamble{%
2552 \thesis@blocks@bibliography
2553 \thesis@blocks@tables}
```

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

### 3.5.10.1 The style/mu/fithesis-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>9</sup>.

```
2554 \NeedsTeXFormat{LaTeX2e}
2555 \ProvidesPackage{fithesis/style/mu/fithesis-med}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2556 \thesis@color@setup{
2557 links={HTML}{F58E76},
2558 tableEmph={HTML}{FF9D85},
2559 tableOdd={HTML}{FFF5F6},
2560 tableEven={HTML}{FFDEDF}}
```

The bibliography support is enabled. The authoryear citations are used and the bibliography is sorted by year, name, and title.

```
2561 \thesis@bibliography@setup{%
2562  style=iso-authoryear,
2563  sorting=ynt}
2564 \thesis@bibliography@load
```

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.

```
2565 \thesis@require{tikz}
```

See http://is.muni.cz/do/med/zpravyprac/Optometrie/NALEZITOSTI\_ZAVERECNE\_PRACE.doc

```
2566 \thesis@require{geometry}
2567 \thesis@require{setspace}
2568 \geometry{top=25mm,bottom=20mm,left=25mm,right=25mm,includeheadfoot}
```

\thesis@blocks@cover

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

```
2569 \def\thesis@blocks@cover{%
2570 \ifthesis@cover@
2571
       \thesis@blocks@clear
       \begin{alwayssingle}
2572
          \thispagestyle{empty}
2573
          \begin{center}
2574
          {\sc\thesis@titlePage@LARGE\thesis@@{universityName}\\%
2575
              \thesis@titlePage@Large\thesis@@{facultyName}\\}
2576
          \vfill
2577
2578
          {\bf\thesis@titlePage@Huge\thesis@@{typeName}}
2579
          \vfill
          {\thesis@titlePage@large\thesis@place
2580
           \ \thesis@year\hfill\thesis@author}
2581
          \end{center}
2582
       \end{alwayssingle}
2583
2584
     \fi}
```

The style file 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 field of study and the semester and place of the thesis defense in accordance with the requirements of the department.

```
2585 \def\thesis@blocks@titlePage@content{%
   {\thesis@titlePage@Huge\bf\thesis@TeXtitle\\[0.3in]}%
    {\thesis@titlePage@large{\sc\thesis@@{typeName}}\\}}
2588 \def\thesis@blocks@titlePage@footer{%
    {\thesis@titlePage@large
      {% Calculate the width of the thesis author and advisor boxes
2590
2591
       \left( \A\right) = \A \end{A} \
         \bf\thesis@@{advisorTitle}:}}
2592
       \let\@B\relax\newlength{\@B}\settowidth{\@B}{\thesis@advisor}
2593
       \let\@C\relax\newlength{\@C}\settowidth{\@C}{{%
2594
2595
         \bf\thesis@@{authorTitle}:}}
       2596
       2597
         \bf\thesis@@{fieldTitle}:}}
2598
       2599
      \let\@left\relax\newlength{\@left}\pgfmathsetlength{\@left}{%
2600
2601
       max(\@A,\@B)
2602
      \let\@right\relax\newlength{\@right}\pgfmathsetlength{\@right}{%
2603
       max(\@C,\@D,\@E,\@F)}
      % Typeset the thesis author and advisor boxes
2604
      \vskip 2in\begin{minipage}[t]{\@left}
2605
2606
        {\bf\thesis@@{advisorTitle}:}\\\thesis@advisor
      \end{minipage}\hfill\begin{minipage}[t]{\@right}
2607
```

```
2608 {\bf\thesis@@{authorTitle}:}\\thesis@author
2609 \\[1em]{\bf\thesis@@{fieldTitle}:}\\thesis@field@name
2610 \end{minipage}}\\[4em]\thesis@place, \thesis@@{semester}}}
```

\thesis@blocks@frontMatter

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

```
2611 \def\thesis@blocks@frontMatter{%
2612 \thesis@blocks@clear
     % In case of double-sided typesetting, change the geometry
2613
2614
     \ifthesis@twoside@
       \newgeometry{top=25mm,bottom=20mm,left=35mm,
2615
         right=15mm, includeheadfoot}
2616
2617
     \fi\pagestyle{empty}
     \parindent 1.5em
2618
     \setcounter{page}{1}
2619
     \pagenumbering{roman}}
2620
```

\thesis@blocks@mainMatter

The \thesis@blocks@mainMatter macro sets up the style of the main matter of the thesis. The leading is adjusted in accordance with the requirements of the faculty.

```
2621 \def\thesis@blocks@mainMatter{%
2622 \thesis@blocks@clear
2623 % In case of double-sided typesetting, change the geometry
2624 \ifthesis@twoside@
       \newgeometry{top=25mm,bottom=20mm,left=35mm,
2625
         right=15mm, includeheadfoot}
2626
     \fi\setcounter{page}{1}
2627
     \pagenumbering{arabic}
2628
     \pagestyle{thesisheadings}
2629
     \parindent 1.5em
2630
     \onehalfspacing}
```

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2632 \def\thesis@blocks@preamble{%
     \thesis@blocks@coverMatter
2633
2634
       \thesis@blocks@cover
     \thesis@blocks@frontMatter
2635
2636
       \thesis@blocks@titlePage
       \onehalfspacing
2637
       \thesis@blocks@clearRight
2638
         \thesis@blocks@abstract
2639
2640
         \thesis@blocks@abstractEn
2641
         \thesis@blocks@keywords
2642
         \thesis@blocks@keywordsEn
2643
       \thesis@blocks@bibEntry
       \thesis@blocks@declaration
2644
       \thesis@blocks@thanks
2645
```

```
2646 \thesis@blocks@tables}
2647 \def\thesis@blocks@postamble{%
2648 \thesis@blocks@bibliography}
```

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

#### 3.5.11.1 The style/mu/fithesis-fsps.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>10</sup>.

```
2649 \NeedsTeXFormat{LaTeX2e} 2650 \ProvidesPackage{fithesis/style/mu/fithesis-fsps}[2016/04/18]
```

The file defines the color scheme of the respective faculty.

```
2651 \thesis@color@setup{
2652 links={HTML}{93BCF5},
2653 tableEmph={HTML}{A8BDE3},
2654 tableOdd={HTML}{EBEFF5},
2655 tableEven={HTML}{D1DAEB}}
```

The bibliography support is enabled. The authoryear citations are used and the bibliography is sorted by name, title, and year.

```
2656 \thesis@bibliography@setup{
2657   style=iso-authoryear,
2658   sorting=nty}
2659 \thesis@bibliography@load
```

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

2660 \thesis@blocks@titlePage@field@true

All blocks within the autolayout preamble and postamble that are not defined within this file are defined in the style/mu/fithesis-base.sty file.

```
2661 \def\thesis@blocks@preamble{%
2662 \thesis@blocks@coverMatter
2663 \thesis@blocks@cover
2664 \thesis@blocks@titlePage
2665 \thesis@blocks@frontMatter
2666 \thesis@blocks@declaration
2667 \thesis@blocks@thanks
2668 \thesis@blocks@tables}
2669 \def\thesis@blocks@postamble{%
2670 \thesis@blocks@bibliography}
```

 $<sup>^{10}</sup> See \ \mathsf{http://www.fsps.muni.cz/}{\sim} korvas/pokyny\_k\_zaverecne\_praci.doc$ 

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General: bachelor project of Daniel	General: fix SK declaration [Peter
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. clo fixed, switch to utf8 and	dition. [VN] (backport of v0.2.18)
ensuring that .dtx compiles.	Fixed mostly documentation errors
Documentation adjusted to the	reported at the new fithesis discussion
status quo, added link to	forum (-ti, eco->econ, implicit
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General: Added support for change	General: Fixed a typo in the
typesetting. Restructured the	technical documentation.
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support for \CodelineIndex	required packaged listed in
typesetting. Added information	Section 2.2 of the user guide are
about the usage of fithesis1 and	now always correct. Adjusted
fithesis2 on the FI unix	the footer spacing in the styles
machines. (backport of v0.2.16)	of econ and fi. Added Advanced
[VN] Minor changes	usage chapter to the user guide.
throughout the text, added a	Added the description of basic
link to the the fithesis forums	options into the user guide.
[PS] (backport of	Added the table and oldtable
v0.2.15@r14:15) 211	options. Added the type field
v0.3.06	to the guide for completeness.
	· ·
General: Added the colorx package	[VN] 211
and the base colors for each	v0.3.11
faculty. If the color option is	General: Added hyphenation into
specified, the tabular	the technical documentation.
environment gets redefined and	Fixed an unterminated group.
uses the faculty colors to color	Polished the text of the guide.
alternating table rows to	Added the palatino and
improve readability. The	nopalatino options. Stylistic
hyperref links in the e-version	changes to the text of the
are now likewise colored	technical documentation.

\thesis@subdir is now robust	v0.3.15
against relative paths.	General: Renamed
Accounted for French spacing	\thesis@requireStyle to
in the guide. Fixed the	\thesis@requireWithOptions
thesis@english@facultyName	and moved the style loader
string. Documentation	from the \thesis@load routine
refinements. [VN] 211	to a new
v0.3.12	\thesis@requireStyle macro
General: The subsections and	to make the semantics of
subsubsections now use the	\thesis@requireLocale and
correct tocdepth. [VN] 211	\thesis@requireStyle more
v0.3.13	similar. Changed the basepath,
General: Fixed an inconsistency in	logopath, localepath and
the example code. Removed an	stylepath keys to match the
extraneous	lower camelcasing of the rest of
\thesis@blocks@clear block	the keys. Added further
withing the definition of	description regarding the use of
\thesis@blocks@frontMatter	the assignment key. [VN] 211
in the fss style file. Added	v0.3.16
comments, fixed clubs and	General: Clubs and widows are
widows and removed text	now set to be infinitely bad.
overflows within the user	The assignment key has weaker,
guides. Adjusted the colors of	but more robust semantics now.
various style files. Removed the	[VN] 211
trailing dot in the bibliographic	v0.3.17
identification within the med	General: Changed a forgotten
and ped style files. Fixed a typo	\thesis@@lower{}
within the technical	invocation in the definition of
documentation. Fixed the	\thesis@czech@declaration
twoside alignment of the	for the Faculty of Arts into
\thesis@blocks@bibEntry and	\thesis@@lower{czech@},
the	so that the macro always
\thesis@blocks@bibEntryEn	expands to the correct output
blocks within the sci style file.	regardless of the current locale.
The	This is merely a matter of
\thesis@blocks@assignment	consistency, since the style file
block no longer clears a page	of the Faculty of Arts only uses
when nothing is inserted. It is	Czech strings within the Czech
also no longer hard-coded to be	locale. Removed an extraneous
hidden for rigorous theses.	comment. Fixed a unit test.
Instead, the	Fixed a changelog entry. [VN] 211
\ifthesis@blocks@assignment	v0.3.18
conditional can be set either by	General: A bulk of changes
the subsequently loaded style	required to submit the
files or by the user. So far, only	document class to CTAN:
the fi and sci style files set the	Changed the structure of the
conditional. [VN] 211	output fithesis3.ctan.zip
v0.3.14	archive. Updated the license
General: Updated the	notice. Added a README file.
documentation. [VN] 211	Canonicalized a url within the

user guides. Renamed the root	the style of the Faculty of
directory from fithesis3/to	<b>Economics and Administration</b>
fithesis/. Refactored the	at the Masaryk University in
makefiles. Added developer	Brno and fixed the title page
example files. Renamed	leading in the style of the
docstrip.cfg to LICENSE.tex	Faculty of Science at the
to better describe its role. The	Masaryk University in Brno.
fithesis.dtx file now	[VN] 211
generates a VERSION. tex file	v0.3.23
containing the version of the	General: Fixed a typo in the Slovak
package, when it's being	locale. [VN] 211
typeset. Flattened the logo/	v0.3.24
directory structure. [VN] 211	General: Added the
v0.3.19	\thesis@backend tunable. The
General: Updated the license.	hyphenation pattern switching
Added the fithesis- prefix to	now uses polyglossia instead of
locale files. Proof-read and	crude \language switching
updated the documentation.	wherenever possible. Added
Encapsulated the	the opt-out microtype class
localeInheritance and	option, which loads the
styleInheritance setters.	microtypographic extension.
Added the	The \thesis@locale@summer and
<pre>\thesis@selectLocale{},</pre>	@winter locale macros were
which acts as a replacement for	renamed to @spring and @fall.
\def\thesis@locale{},	The \thesis@parseDate now
which also switches	uses more realistic month
hyphenation patterns. The	ranges to set \thesis@season
macro definitions inside locale	and \thesis@academicYear.
files are now global to account	Removed the extraneous indent
for the fact that it now makes	in the
sense to include locale files	\thesis@blocks@declaration
on-site (and therefore possibly	macro definition within the
inside a group) using the	style/mu/fithesis-fi.sty
\thesis@selectLocale. The	style file. \paragraphs are not
class files are now generated	included in the table of
using the XeTeX engine, which	contents by default. The table
preserves the characters outside	class option now supports the
ASCII. [VN] 211	tabu environment. The list of
v0.3.20	tables and the list of figures
General: Removed an extraneous	now have an entry in the table
\hypersetup option to	of contents for the
eliminate a warning. Performed	style/mu/fithesis-econ.sty
several minor Makefile updates.	style file. [VN] 211
Updated the technical	v0.3.25
documentation. [VN] 211	General: The example documents
v0.3.21	from the example directory are
General: Fixed an invalid font name.	now a part of the CTAN
[VN] 211	archive. Additional information
v0.3.22	were inserted into the guide
General: Updated the link colors in	and to the example files. [VN] 211

General: Updated the example documents and the user guide. Fixed a typo in the description of \thesis@season. [VN] 211  v0.3.27:1  v0.3.27:1  General: Fixed a typo in the guide. Added a compatibility layer for \title, \author, and \maketitle. Minor changes of the documentation. [VN] 211  v0.3.27:2  General: \thesis@selectLocale is no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@locale\). Instead, \thesis@preamble and epostamble now locally switch the locale and expand \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@blocks@mainMatter i	v0.3.26	now uses the correct idiom (by
Fixed a typo in the description of \thesis@season. [VN]	General: Updated the example	one's own $\rightarrow$ on one's own).
of \thesis@season. [VN] 211 v0.3.27:1 General: Fixed a typo in the guide. Added a compatibility layer for \title, \author, and \maketitle. Minor changes of the documentation. [VN] 211 v0.3.27:2 General: \thesis@selectLocale is no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@preamble and \@postamble now locally switch the locale and expand \thesis@blocks@preamble and \@postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files. [VN] 211 v0.3.27:3 General: As a preparation for the future inclusion of bibliography support, the csquotes style is a new part of the locale interface that sets the csquotes style is a new part of the locale interface that sets the csquotes style is a new part of the locale interface that sets the csquotes style is a new part of the locale interface that sets the csquotes style is a new part of the locale interface that sets the csquotes style is a new part of the locale interface that sets the csquotes style is a new part of the locale interface that sets the csquotes style is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style. [VN] 211 v0.3.27:4 General: The PDF bookmarks are no longer garbled, when the LuaTEX engine is used. [VN] . 211 v0.3.28:1 General: The draft option has no longer after to the microtype package. The \thesis@selectLocale macro is applied globally at the beginning of the document. As a result, the csquotes style is a automatically set for the entire document. [VN] 211 v0.3.29:1 General: The initial pages of the style files of the Masaryk University in Brno are no longer page-numbered, so	documents and the user guide.	[VN] 211
v0.3.27:1 General: Fixed a typo in the guide. Added a compatibility layer for \title, \author, and \maketitle. Minor changes of the documentation. [VN] 211 v0.3.27:2 General: \thesis@selectLocale is no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@blocks@reamble and @postamble now locally switch the locale and expand \thesis@blocks@reamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files. [VN] 211 v0.3.27:3 General: As a preparation for the future inclusion of bibliography support, the csquotes style is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style. [VN] 211 v0.3.27:4 General: The draft option has no longer an effect on the microtype package is loaded, (effectively overriding the with package is loaded, effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@requireCommand has become \thesis@requireIfExists. [VN] 211 v0.3.28:2 General: If the thesis locale and the document locale is the same (the default behaviour), the \thesis@selectLocale macro is applied globally at the beginning of the document. As a result, the csquotes style is a automatically set for the entire document. [VN] 211 v0.3.29:3 General: As a preparation for the future inclusion of bibliography support, the csquotes style is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style. [VN] 211 v0.3.29:3 General: The printed and digital class options, which set all the options appropriate for either the print	Fixed a typo in the description	v0.3.27:5
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Added a compatibility layer for \title, \author, and \maketitle. Minor changes of the documentation. [VN] 211 \times 0.3.27:2 \times 1.5 \times 2.5 \t	General: Fixed a typo in the guide.	
\title, Nauthor, and \text{\text{\text{\matherist}}. Minor changes of the documentation. [VN] 211  v0.3.27:2  General: \thesis@selectLocale is no longer performed globally for the entire document during \text{\tex{\tex		_ =
\maketitle. Minor changes of the documentation. [VN] 211  v0.3.27:2  General: \thesis@selectLocale is no longer performed globally for the entire document during \thesis@load (effectively overriding the user's hyphenation settings, if Babel's or Polyglossia's \languagename differs from \thesis@locale). Instead, \thesis@preamble and @postamble now locally switch the locale and expand \thesis@blocks@preamble and @postamble, which are the new redefinables. Since this breaks the behaviour of \thesis@blocks@mainMatter, whose effects would also be local, @mainMatter is now executed directly by \thesis@preamble after closing the group and becomes a new part of the interface between the class and the style files. [VN] 211  v0.3.27:3  General: As a preparation for the future inclusion of bibliography support, the csquotes style is a new part of the locale interface that sets the csquotes style of a locale, and \thesis@selectLocale now switches the csquotes style. [VN] 211  v0.3.27:4  General: The printed and digital class options, which set all the options appropriate for either the printed or the digital versions of a document, are now available for the style files of the Masaryk University in Brno now loads all the required packages and		General: The draft option has no
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the group and becomes a new part of the interface between the class and the style files.  [VN]		
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the class and the style files.  [VN]		
[VN]		
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switches the csquotes style.  [VN]		
[VN]		
v0.3.27:4 University in Brno now loads General: all the required packages and		-
General: all the required packages and		
\thesis@english@declaration changes the table	\thesis@english@declaration	changes the table

measurements even when the	Administration and the Faculty
color option is not specified.	of Medicine at the Masaryk
[VN] 211	University in Brno. [VN] 211
v0.3.30	v0.3.33
General: The \thesis@seasonYear	General: Added \thesis@patch.
macro has been added, which,	[VN] 211
unlike \thesis@year takes into	v0.3.34
account the fact that January	General: Added visual tests of
and Fabruary of the year $n$ still	output PDFs. The test/
belong to the fall semester of	directory is now also uses the
the year $n - 1$ . [VN] 211	university/faculty path scheme
v0.3.31:1	employed by the rest of the
General: The redefinitions of	package. [VN] 211
\appendix from the	v0.3.35:1
style/mu/fithesis-1*.clo	General: Added support for the
files, which broke hyperref	Division of Information and
links to appendices, were	Library Studies of the Faculty
removed. [VN] 211	of Arts at the Masaryk
v0.3.31:2	University in Brno. This
General: All trailing %s were	support is enabled by
removed. Some of the inherited	specifying \thesis@department
fithesis2 code in the	to be kisk. [VN] 211
style/mu/fithesis-1*.clo	v0.3.35:2
and	General: Added support for
style/mu/fithesis-base.sty	seminar papers on the fithesis3
files was refactored and	class level. The style files for the
reformatted. Alternative	faculties of the Masaryk
templates for the Faculty of	University in Brno do not
Science at the Masaryk	provide any special handling of
University in Brno are now	this thesis type yet. [VN] 211
mentioned in the respective	v0.3.35:3
user guide. [VN] 211	General: Fixed \1@locale being
v0.3.31:3	possibly undefined in a
General: The	LuaLaTeX run. [VN] 211
style/mu/fithesis-sci.sty	v0.3.36
style file redefines	General: The \thesis@load macro
\thesis@blocks@declaration	has been lifted to the public
to include a formatted date and	API as \thesisload. [VN] 211
an author's signature field. The	v0.3.37
locale file	General: The \tableofcontents in
style/mu/sci/czech.def	the style files of the Masaryk
contains a new string	University in Brno now
\thesis@czech@formattedDate.	correctly handles all tocdepth
[VN] 211	values. The expansion of \part
v0.3.32	also no longer results in a
General: Fixed a regression from	hyperref-related error in the
v0.3.27:2 – The margins in	style files of the Masaryk
\thesis@blocks@mainMatter	University in Brno. [VN] 211
were corrected in the style files	v0.3.38:1
of the Faculty of Economics and	General: The bib key was added on

the fithesis3 class level and is	and takes into account the
supported by the style files of	digital and printed class
the Masaryk University in Brno.	options in the style files of the
[VN] 211	Masaryk University in Brno.
v0.3.38:2	[VN] 211
General: Fixed \thesis@pages not	v0.3.40
taking \thesis@postamble into	General: Fixed \thesis@pages not
account. Fixed the chapter	working properly when the
number being printed	autoLayout key is set to false.
regardless of secnumdepth by	Added a section on the
the style files of the Masaryk	markdown package to the
University in Brno. Fixed	example documents of the
\thesis@blocks@assignment	Masaryk University in Brno.
being typeset in Czech only by	Added the
the style file of the Faculty of	\ifthesis@blocks@assignment@hideIfDigital@
Science at the Masaryk	conditional to the
University in Brno. [VN] 211	style/mu/fithesis-base.sty
v0.3.39:1	style file. [VN] 211
General: The	v0.3.41
\thesis@blocks@bibliography	General: Removed the arbitrary
now uses an emergency stretch	limitation of \thesissetup,
of 3 em in the style files of the	which prevented it from
Masaryk University in Brno.	accepting multi-paragraph
[VN] 211	values. The \thesislong macro
v0.3.39:2	is therefore no longer necessary,
General: The assignment key no	but kept around for backwards
longer affects the page numbers	compatibility. [VN] 211